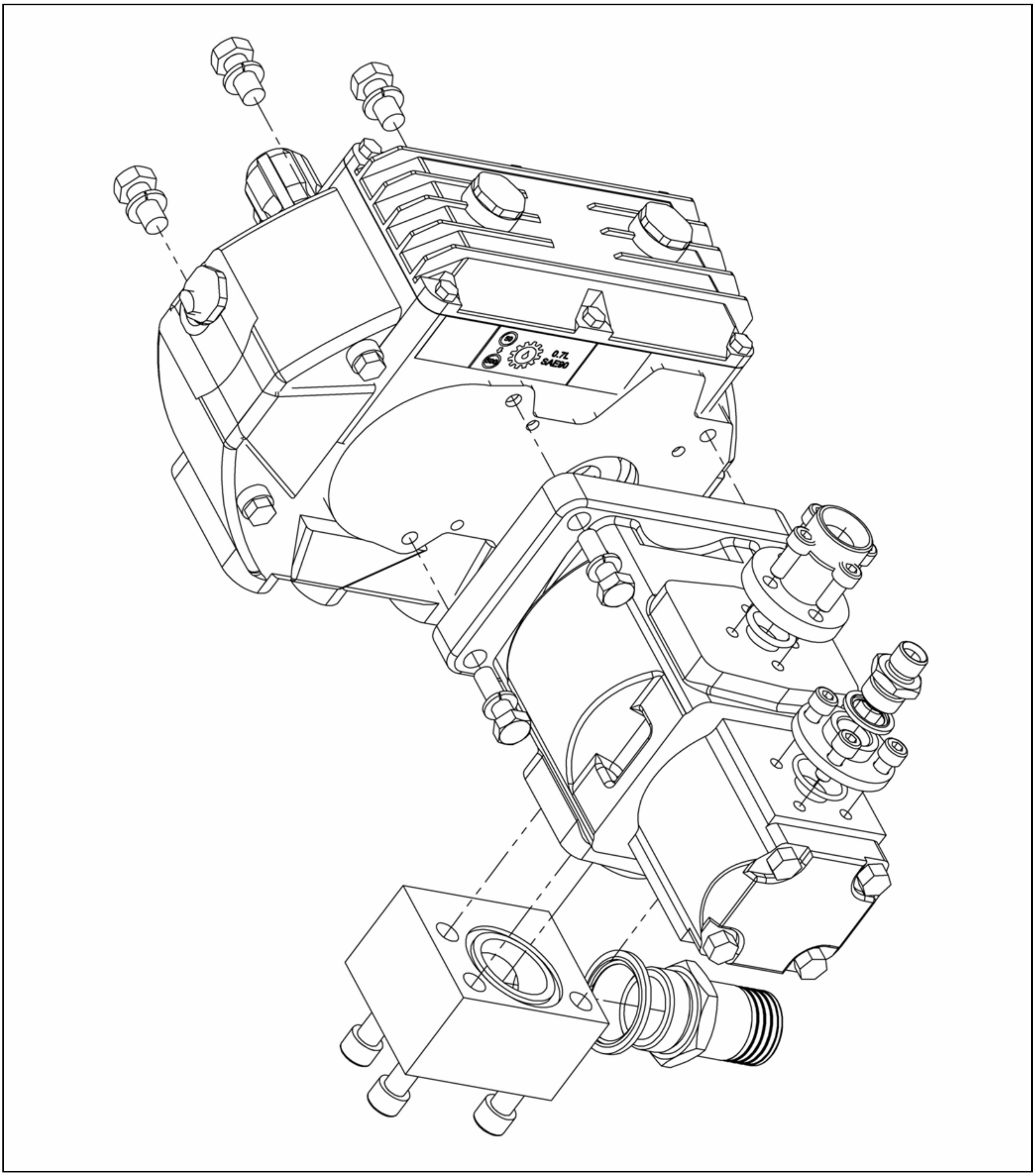
Publication 595
April 2009
Part No. 41571.95
Revision: 20.05.10

PA48 *Mk2*

HEDGECUTTER / MOWER

Parts Manual



For best performance…

USE ONLY McCONNEL GENUINE SERVICE PARTS

To be assured of the latest design improvements purchase your
'Genuine Replacements' from the **Original Equipment Manufacturer**:

McCONNEL LIMITED

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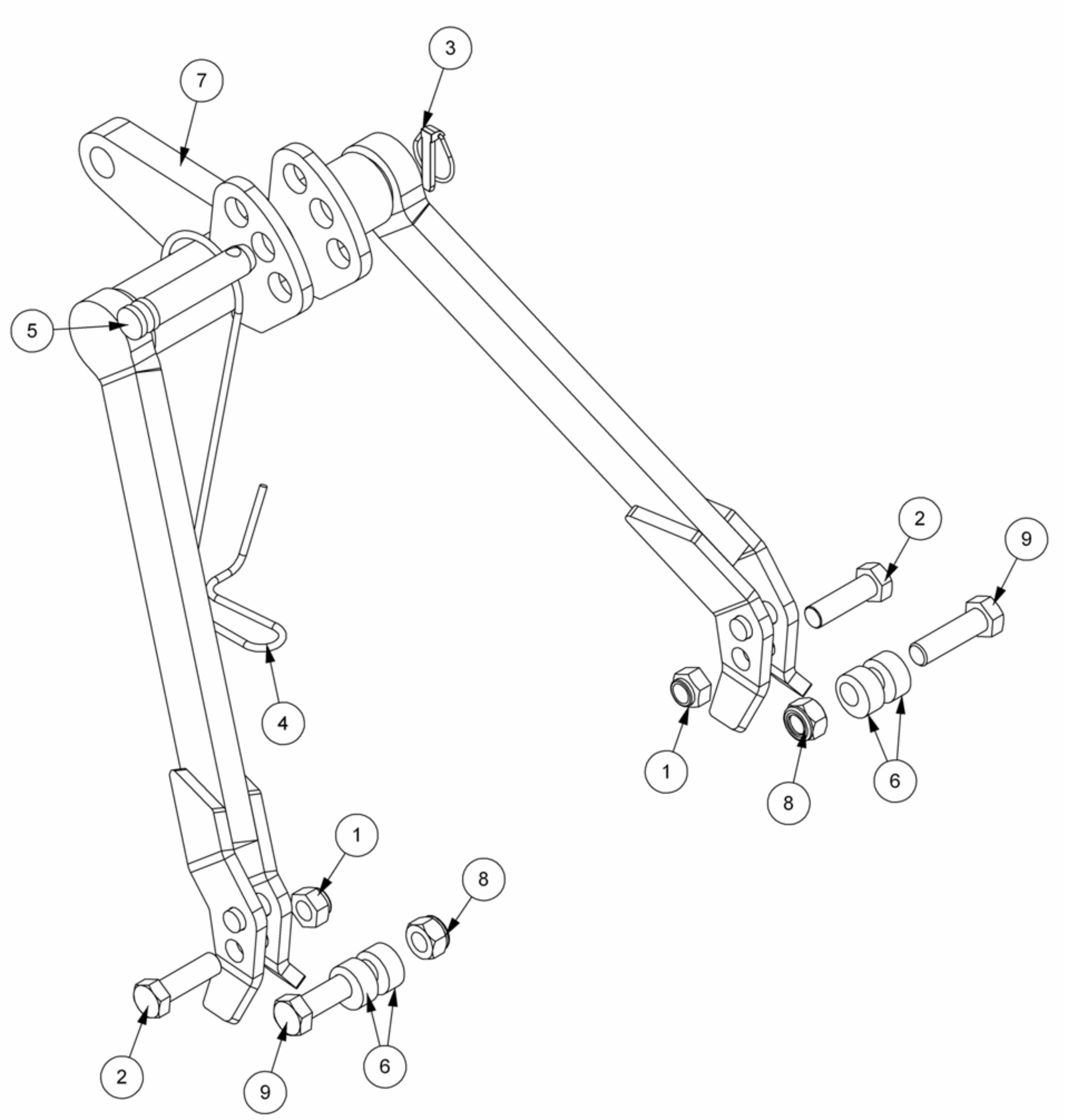
Always quote:

- ***Machine Type***
- ***Serial Number***
- ***Part Number***

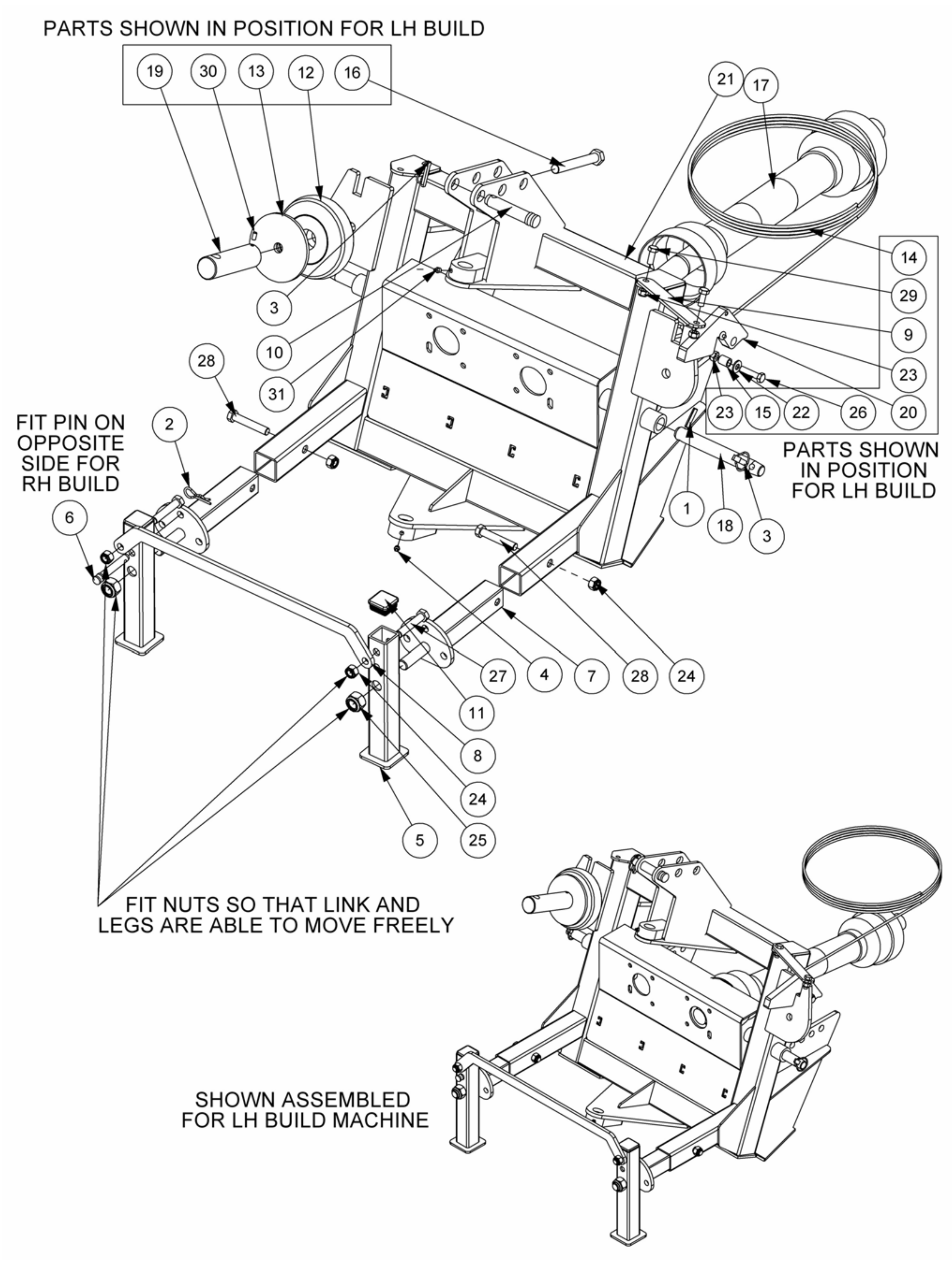
McConnel Limited
Temeside Works, Ludlow, Shropshire, SY8 1JL, England.
Telephone: 01584 873131
www.mcconnel.com

*Design Improvements may alter some of the components listed in this manual –
The latest part will always be supplied when it is interchangeable with an earlier one.*

CONTENTS

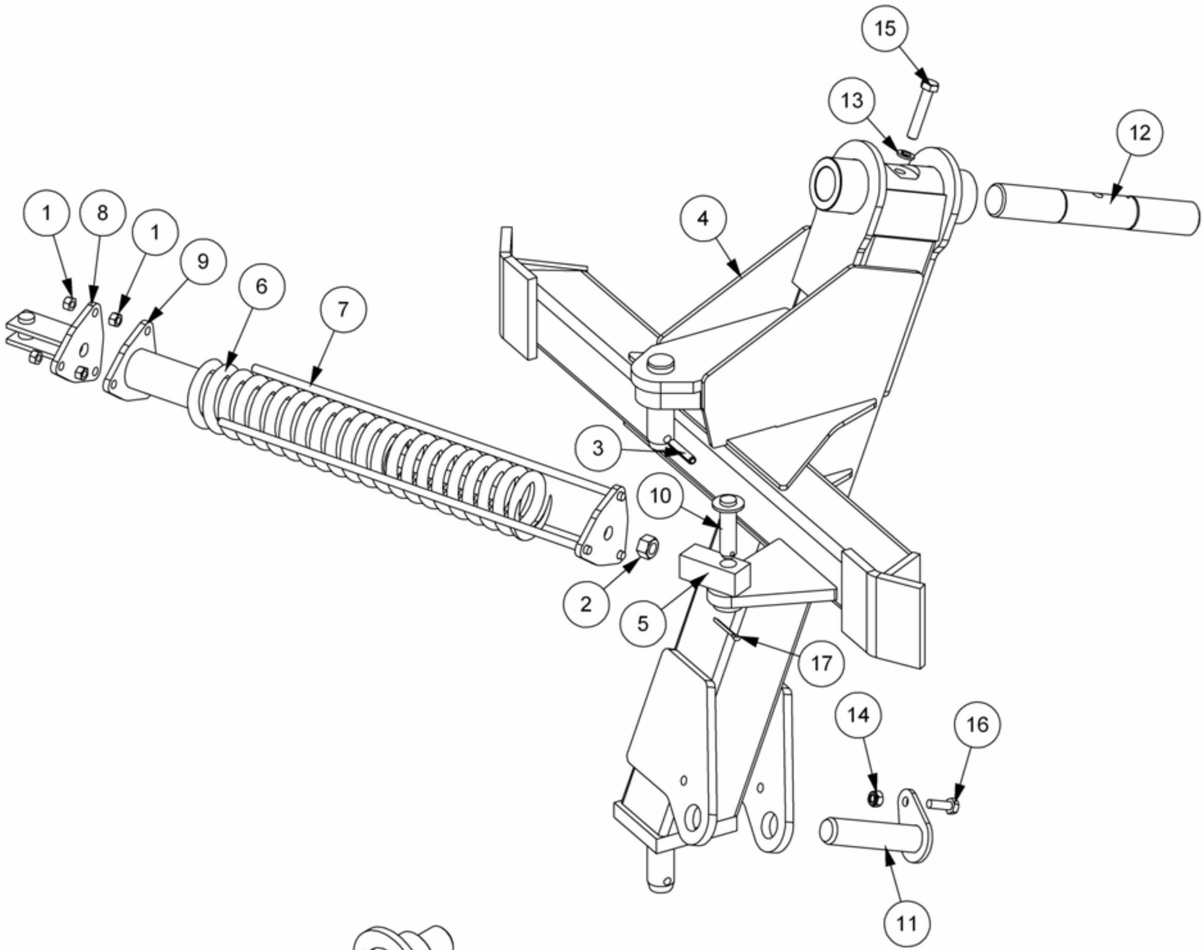


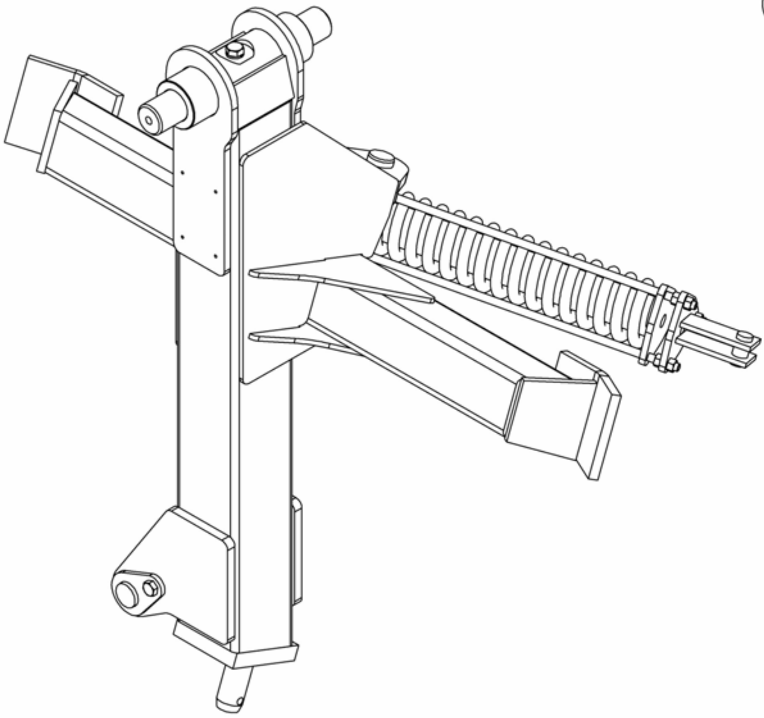
REF.	QTY.	PART NO.	DESCRIPTION
		7148754	**STABILIZER ASSEMBLY**
1	2	0141007	CLEVELOC NUT
2	2	0211207	BOLT
3	1	0431217	LINCH PIN
4	1	21160.03	PTO HOOK
5	1	41267.06	LINK PIN
6	4	7192080	ECCENTRIC COLLAR
7	1	7192405	UNIVERSAL STABILIZER
8	2	9163008	NYLOC NUT
9	2	9213148	BOLT


PARTS SHOWN IN POSITION FOR LH BUILD
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PARTS SHOWN IN POSITION FOR LH BUILD
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FIT PIN ON OPPOSITE SIDE FOR RH BUILD
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FIT NUTS SO THAT LINK AND LEGS ARE ABLE TO MOVE FREELY
SHOWN ASSEMBLED FOR LH BUILD MACHINE

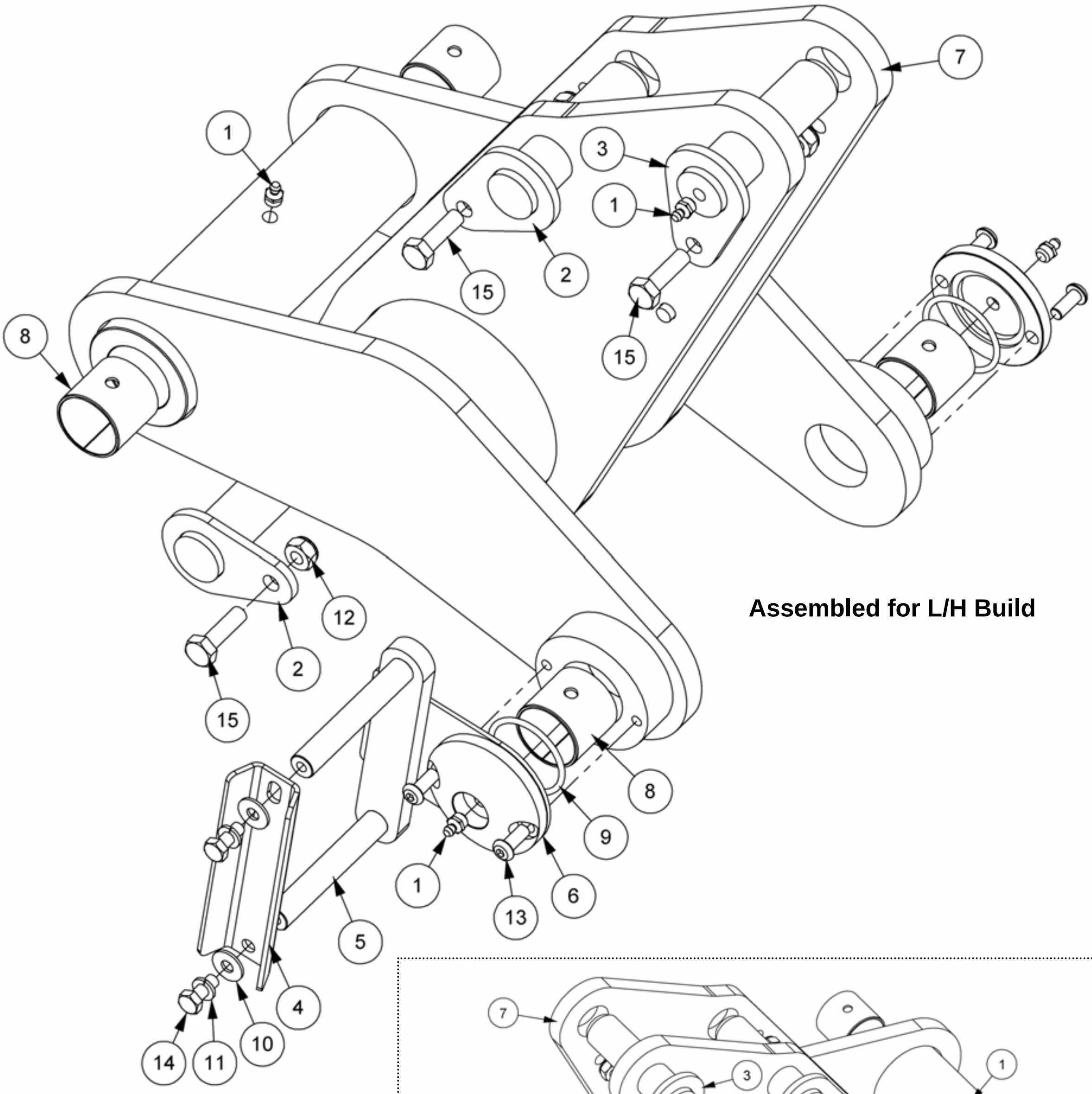
REF.	QTY.	PART NO.	DESCRIPTION
		7148753	**MAIN FRAME ASSEMBLY**
1	2	0422628	SPRING DOWEL
2	1	0431105	SPRING COTTER
3	3	0431217	LINCH PIN
4	1	0901121	GREASE NIPPLE
5	2	21781.02	STAND LEG
6	1	21997.01	LEG PIN
7	2	22539.01	LEG MOUNTING BRACKET
8	1	22540.01	LEG PARALLEL LINK
9	1	22544.01	TANK STRAP
10	1	41267.06	LINK PIN
11	2	41580.04	PLASTIC PLUG
12	1	7135033	RUBBER SPRING
13	1	7135034	BUFFER LOCATING DISC
14	1	71350361	NYLON CORD
15	1	7135097	SPACER
16	1	7135293	BOLT
17	1	7136330	DRIVE SHAFT ASSEMBLY
18	2	7193020	LINKAGE PIN
19	1	7193323	BUFFER ABUTMENT
20	1	7193325	LATCH
21	1	7193391	MAIN FRAME
22	1	9100106	FLAT WASHER
23	3	9163006	NYLOC NUT
24	4	9163007	NYLOC NUT
25	2	9163009	NYLOC NUT
26	1	9213106	BOLT
27	2	9213167	BOLT
28	2	9213187	BOLT
29	2	9313066	SETSCREW
30	1	9363034	GRUB SCREW
31	1	0901125	GREASE NIPPLE

Note: L/H & R/H builds use identical components and differ only in the assembled location of the component parts.

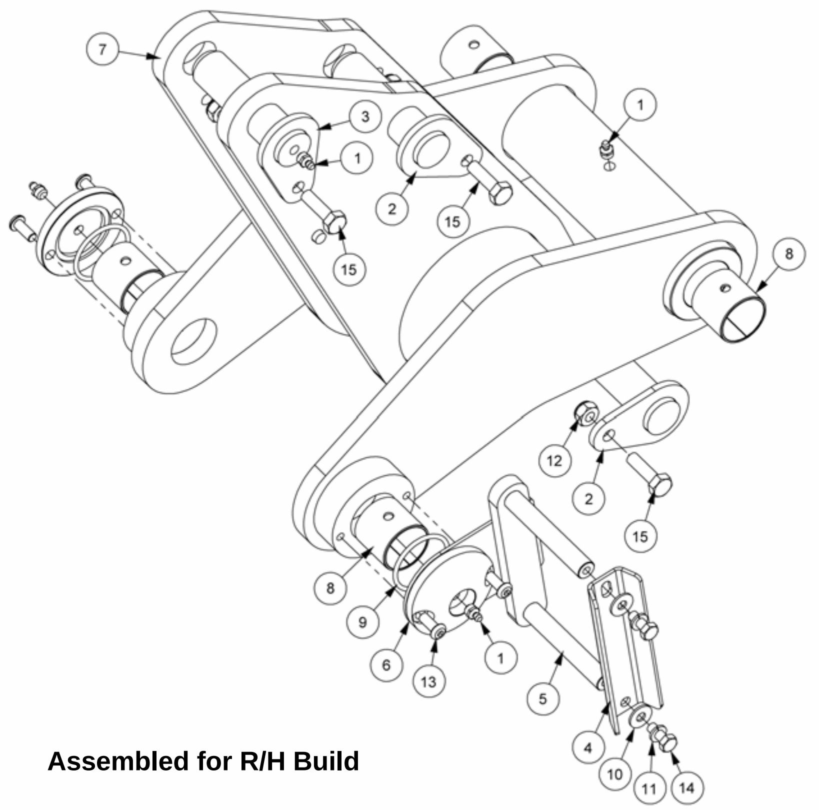

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REF.	QTY.	PART NO.	DESCRIPTION
		7148755	**PILLAR ASSEMBLY - L/H Build**
		7148756	**PILLAR ASSEMBLY - R/H Build**
1	6	0111003	NUT
2	1	0111006	NUT
3	1	0422632	SPRING DOWEL
4	1	22500.01	PILLAR - L/H Build
	1	22500.02	PILLAR - R/H Build
5	1	7135081	ROD END
6	1	7135298	BREAKAWAY SPRING
7	1	7135315	SPRING CAGE
8	1	7135317	SPRING UNIT (BASE END)
9	1	7190459	TENSION TUBE
10	1	7193021	PIN (SPRING ANCHOR)
11	1	41692.11	PIN
12	1	45264.01	MAIN PIVOT PIN
13	1	9100206	SPRING WASHER
14	1	9163005	NYLOC NUT
15	1	9213136	BOLT
16	1	9313065	SETSCREW
17	1	9501406	SPLIT PIN



Assembled for L/H Build

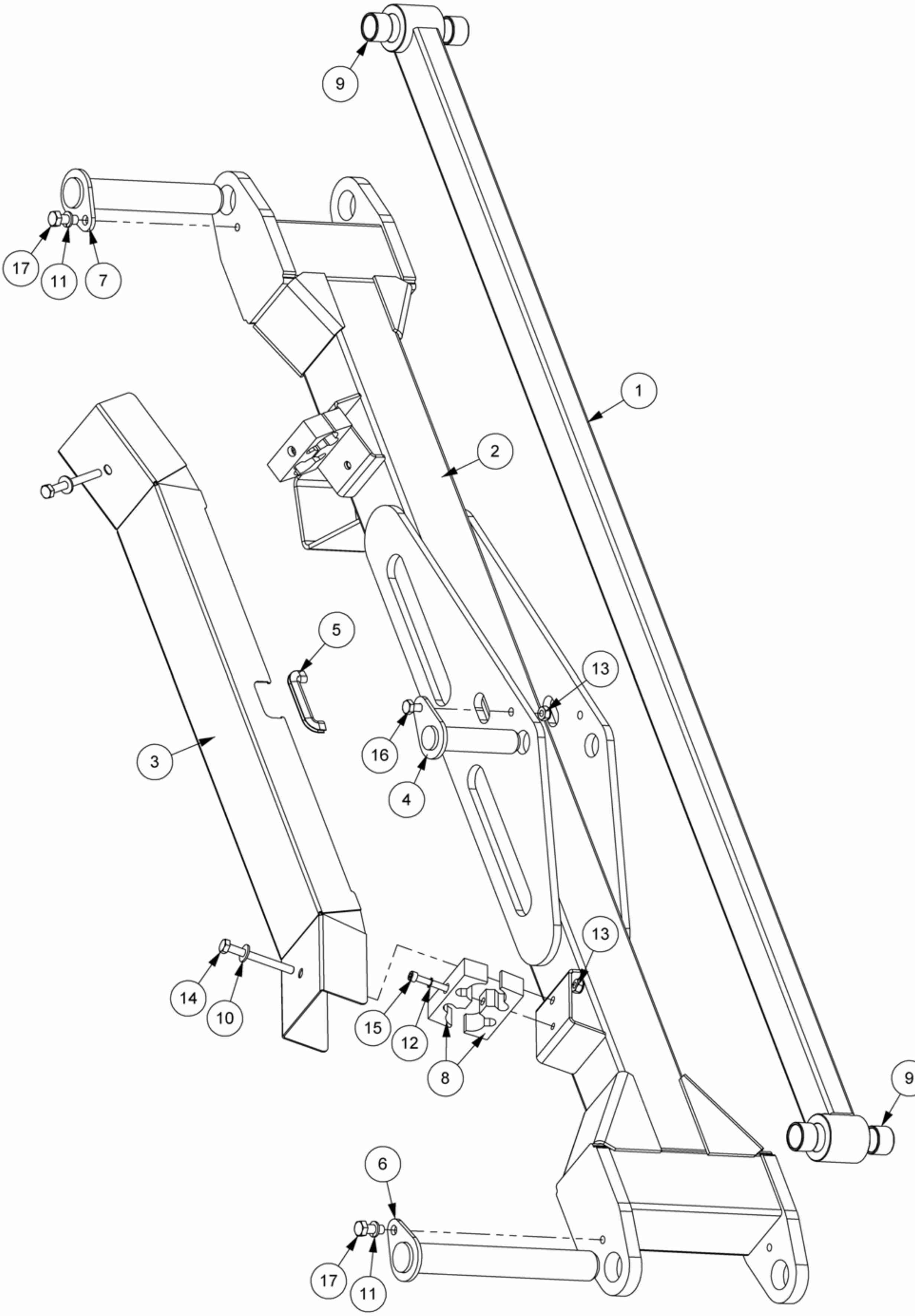


Assembled for R/H Build

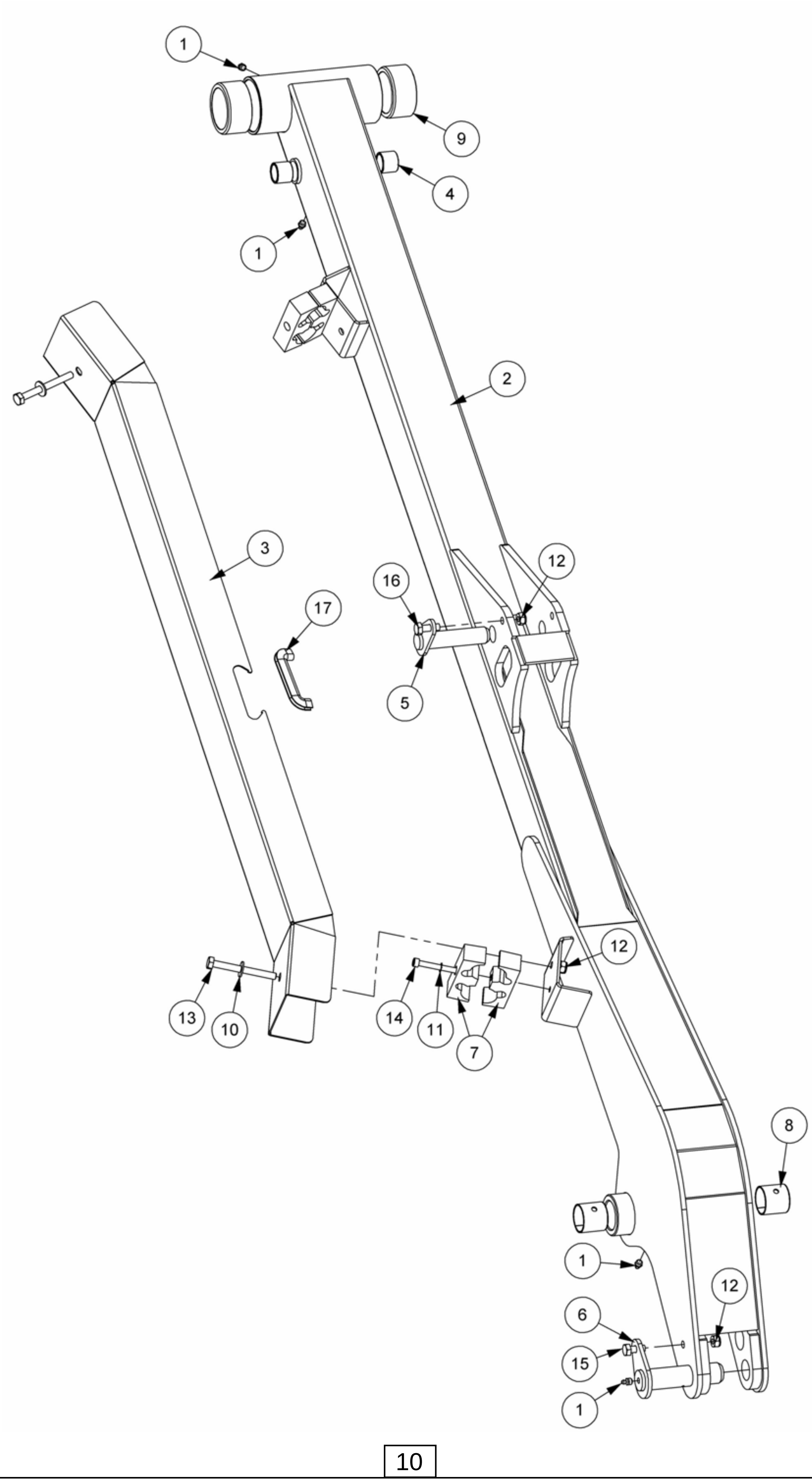
McCONNEL

REF.	QTY.	PART No.	DESCRIPTION
		7150743	**ROCKER ASSEMBLY**
1	4	0901121	GREASE NIPPLE
2	2	41692.12	PIN
3	1	41692.13	PIN
4	1	43048.10	HOSE RETAINER
5	1	43048.14	HOSE RETAINING BRACKET
6	2	45266.01	PIN CAP
7	1	45445.03	ROCKER
8	4	7115208	BUSH
9	2	8600303	O RING
10	2	9100104	FLAT WASHER
11	2	9100204	SPRING WASHER
12	3	9163005	NYLOC NUT
13	4	9300161	SOCKET BUTTON SCREW
14	2	9313044	SETSCREW
15	3	9313075	SETSCREW

NOTE: The Rocker Assembly for both L/H & R/H builds are the same but differ in the positioning of the assembled components.

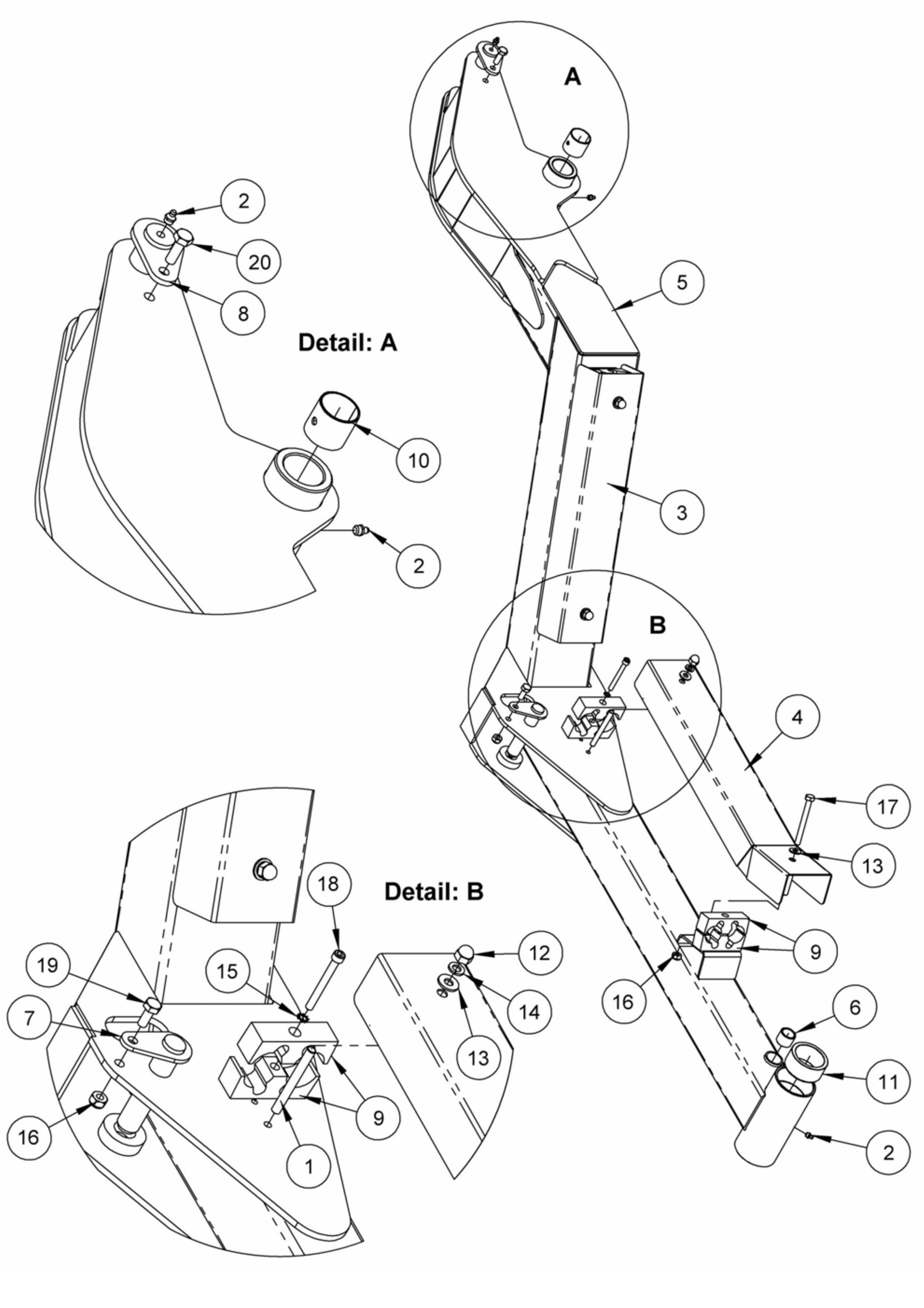

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REF.	QTY.	PART No.	DESCRIPTION
		7150716	**MAIN ARM ASSEMBLY - L/H Build**
		7150717	**MAIN ARM ASSEMBLY - R/H Build**
1	1	22499.02	TENSION LINK
2	1	22501.01	MAIN ARM - L/H Build
	1	22501.02	MAIN ARM - R/H Build
3	1	22522.01	HOSE GUARD
4	1	41692.11	PIN
5	1	41741.11	EDGING STRIP (110mm)
6	1	43324.13	PIN
7	1	43324.14	PIN
8	4	45630.01	HOSE CLAMP
9	4	6012032	BUSH
10	2	9100105	FLAT WASHER
11	2	9100206	SPRING WASHER
12	2	9100404	SHAKEPROOF WASHER
13	3	9163005	NYLOC NUT
14	2	9213205	BOLT
15	2	9243154	CAPSCREW
16	1	9313065	SETSCREW
17	2	9313066	SETSCREW


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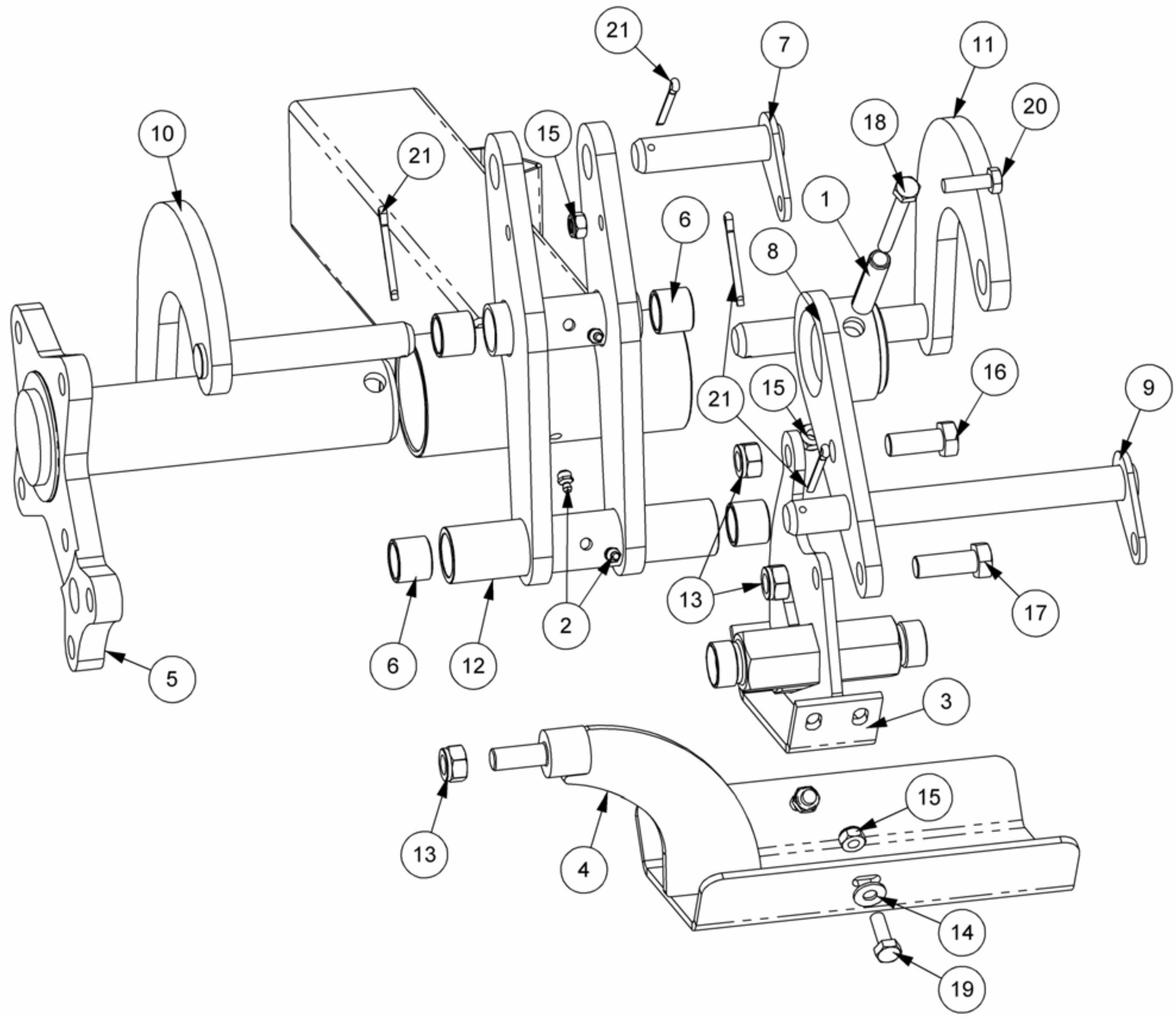
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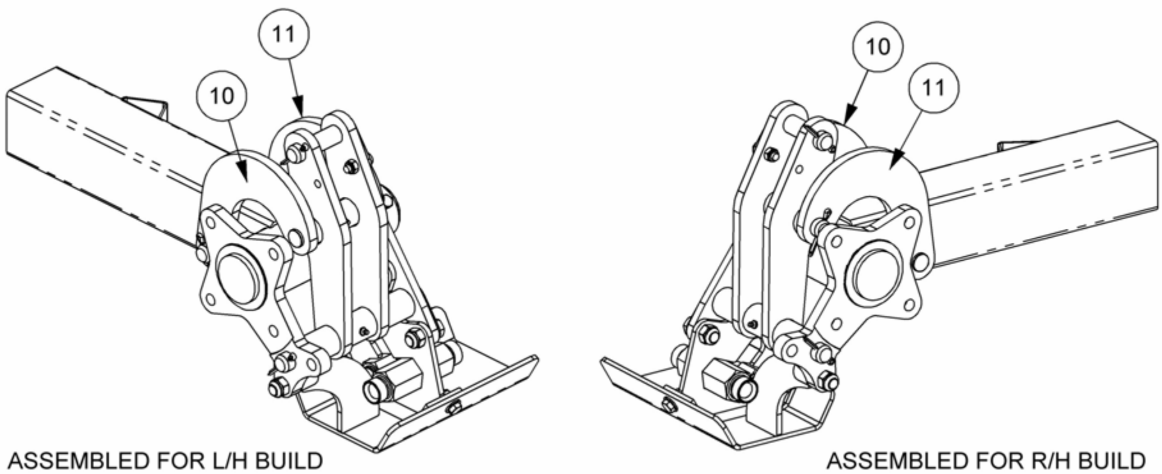
REF.	QTY.	PART No.	DESCRIPTION
		7150718	**DIPPER ARM ASSEMBLY - L/H Build**
		7150719	**DIPPER ARM ASSEMBLY - R/H Build**
1	4	0901121	GREASE NIPPLE
2	1	22517.02	DIPPER ARM - L/H Build
	1	22517.03	DIPPER ARM - R/H Build
3	1	22522.03	HOSE GUARD
4	2	41690.01	BUSH
5	1	41691.01	PIN - ANGLE BASE END
6	1	41692.14	PIN
7	4	45630.01	HOSE CLAMP
8	2	7115208	BUSH
9	2	7136035	BUSH
10	2	9100105	FLAT WASHER
11	2	9100404	SHAKEPROOF WASHER
12	4	9163005	NYLOC NUT
13	2	9213205	BOLT
14	2	9243154	CAPSCREW
15	1	9313055	SETSCREW
16	1	9313065	SETSCREW
17	1	41741.16	EDGING STRIP (160mm)


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REF.	QTY.	PART No.	DESCRIPTION
		7150744	**FIXED MIDCUT DIPPER ARM - L/H Build**
		7150745	**FIXED MIDCUT DIPPER ARM - R/H Build**
1	3	04.282.84	STUD
2	3	0901121	GREASE NIPPLE
3	1	22522.05	CENTRE HOSE GUARD
4	1	22522.06	HOSE GUARD
5	1	22557.03	MIDCUT DIPPER - L/H Build
	1	22557.04	MIDCUT DIPPER - R/H Build
6	2	41690.01	BUSH
7	1	41691.04	PIN
8	1	41692.14	PIN (C/W GREASE POINT)
9	8	45630.01	HOSE CLAMP
10	2	7115208	BUSH
11	2	7136035	BUSH
12	3	9100025	DOME NUT
13	4	9100105	FLAT WASHER
14	3	9100205	SPRING WASHER
15	4	9100404	SHAKEPROOF WASHER
16	3	9163005	NYLOC NUT
17	1	9213205	BOLT
18	4	9243154	CAPSCREW
19	1	9313055	SETSCREW
20	1	9313065	SETSCREW



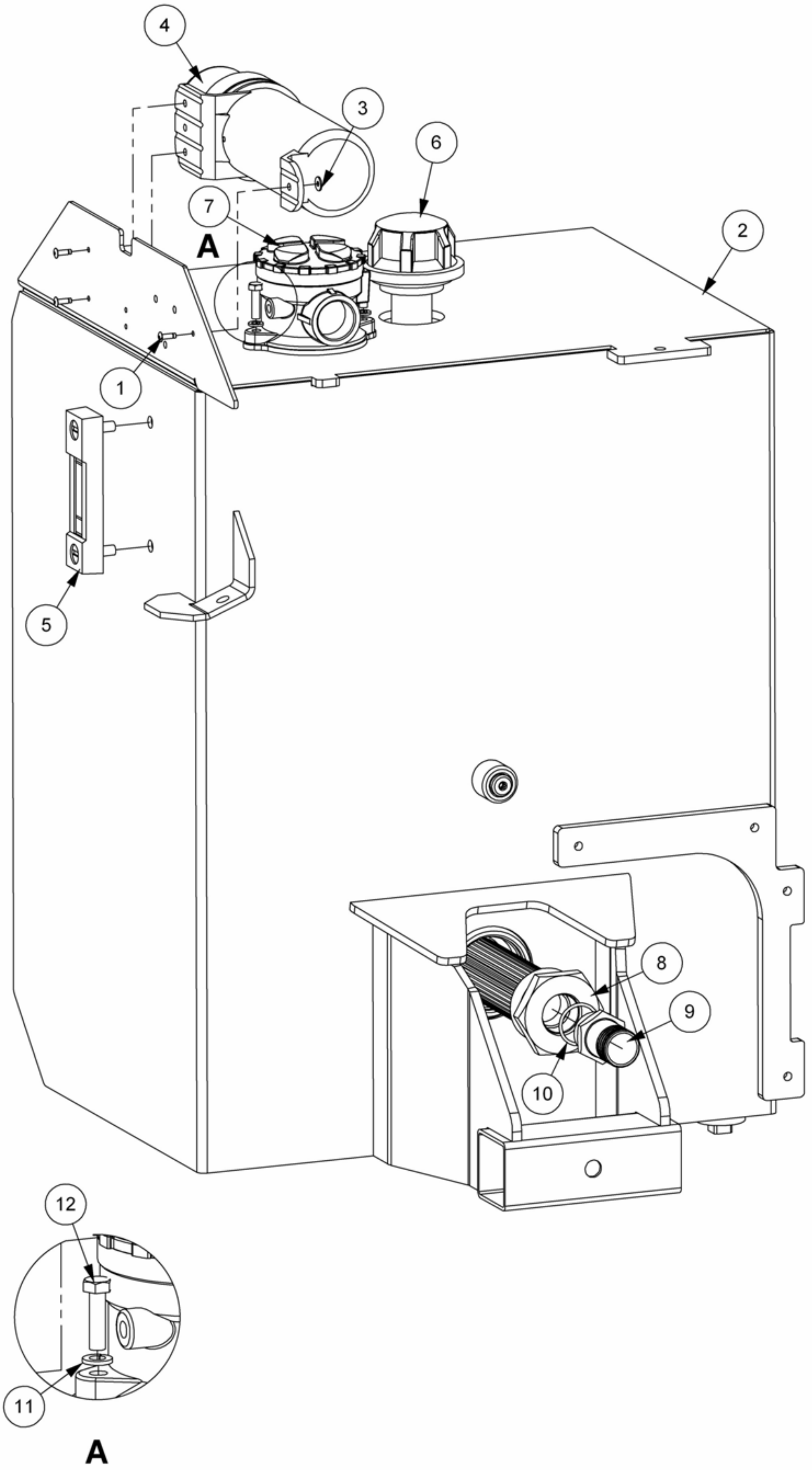


ASSEMBLED FOR L/H BUILD

ASSEMBLED FOR R/H BUILD

REF.	QTY.	PART No.	DESCRIPTION
		7170703	**HEAD ANGLING MECHANISM**
1	1	0423548	SPRING DOWEL
2	3	0901121	GREASE NIPPLE
3	1	21261.02	JUNCTION BRACKET (BSP)
4	1	21262.02	HOSE TRAY
5	1	21263.02	PIVOT TUBE
6	4	41690.01	BUSH
7	1	41693.01	PIN - ANGLE ROD END
8	1	42648.02	JAW PLATE
9	1	7192009	PIN - SLAVE LINK
10	1	7450250	RADIUS ARM - REAR
11	1	7450251	RADIUS ARM - FRONT
12	1	7450252	SLAVE LINK
13	3	9100028	SELF LOCKING NUT
14	2	9100105	FLAT WASHER
15	4	9163005	NYLOC NUT
16	1	30.073.25	BOLT
17	1	9200028	BOLT
18	1	9213185	BOLT
19	2	9313065	SETSCREW
20	1	9313075	SETSCREW
21	4	9501507	SPLIT PIN

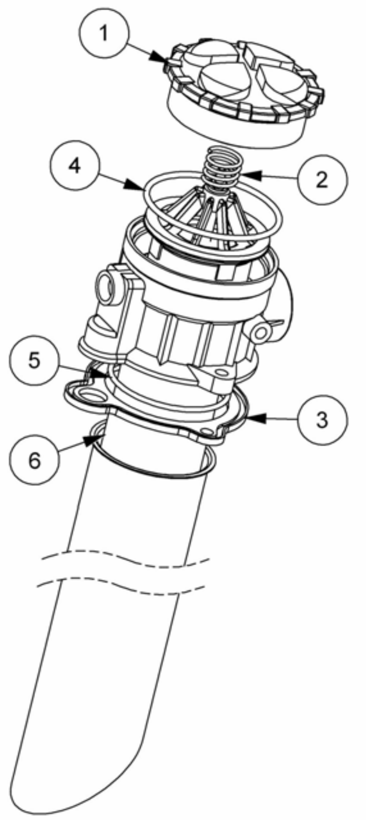
NOTE: The Head Angling Mechanism for L/H & R/H builds are the same but differ in the orientation of the assembled components.

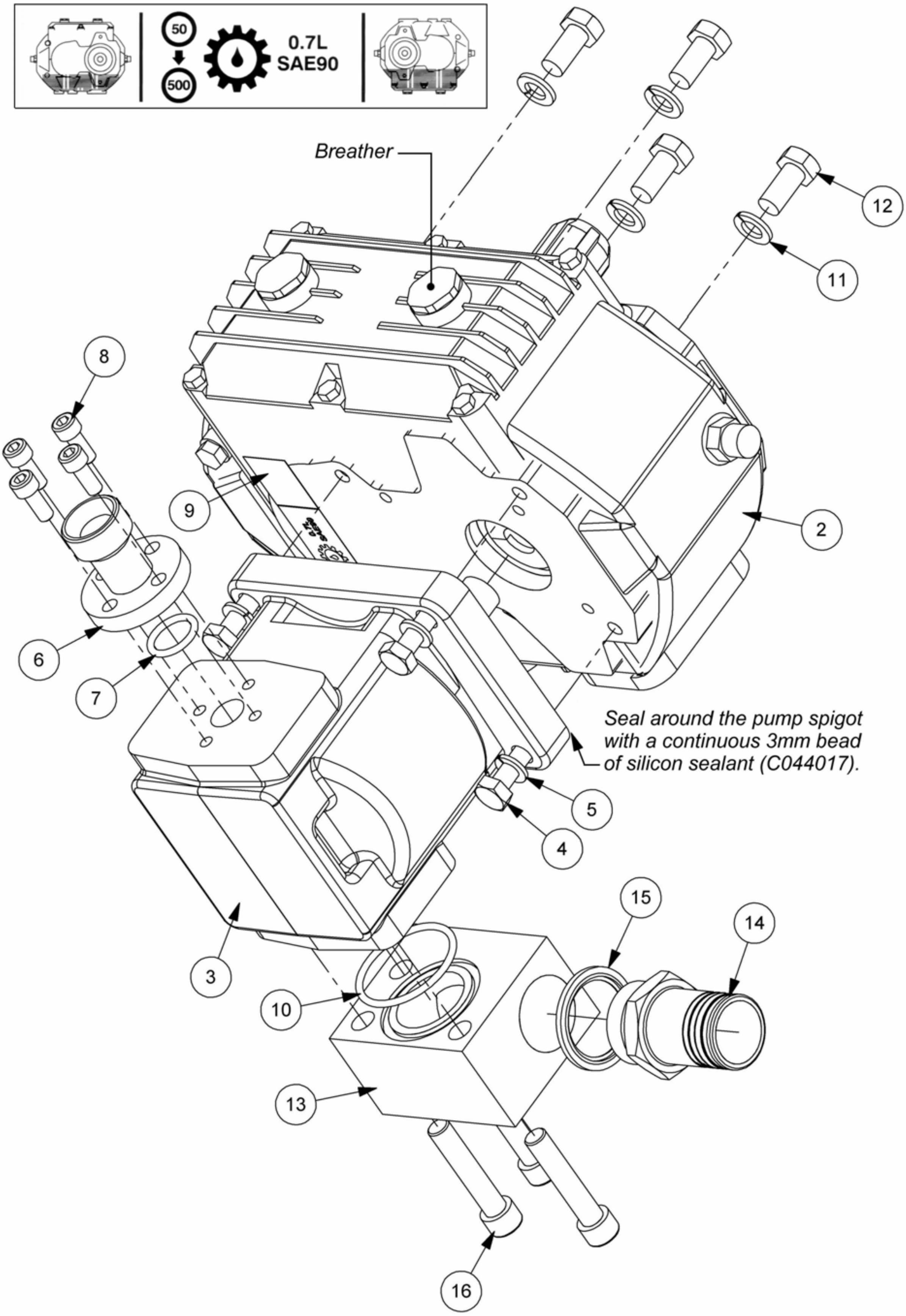

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REF.	QTY.	PART NO.	DESCRIPTION
		7148751	**HYDRAULIC TANK ASSEMBLY - L/H Build**
		7148752	**HYDRAULIC TANK ASSEMBLY - R/H Build**
1	3	21612.02	POP RIVET
2	1	22470.01	TANK - L/H Build
	1	22470.02	TANK - R/H Build
3	3	22530.01	RIVET WASHER
4	1	46505.01	LITERATURE HOLDER
5	1	8401048	LEVEL GAUGE
6	1	8401050	BREATHER
7	1	8401088	FILTER ASSEMBLY
8	1	8401097	SUCTION STRAINER
9	1	8581260	ADAPTOR
10	1	8700784	O RING
11	2	9100204	SPRING WASHER
12	2	9313064	SETSCREW

SERVICE PARTS FOR FILTER ASSEMBLY 8401088

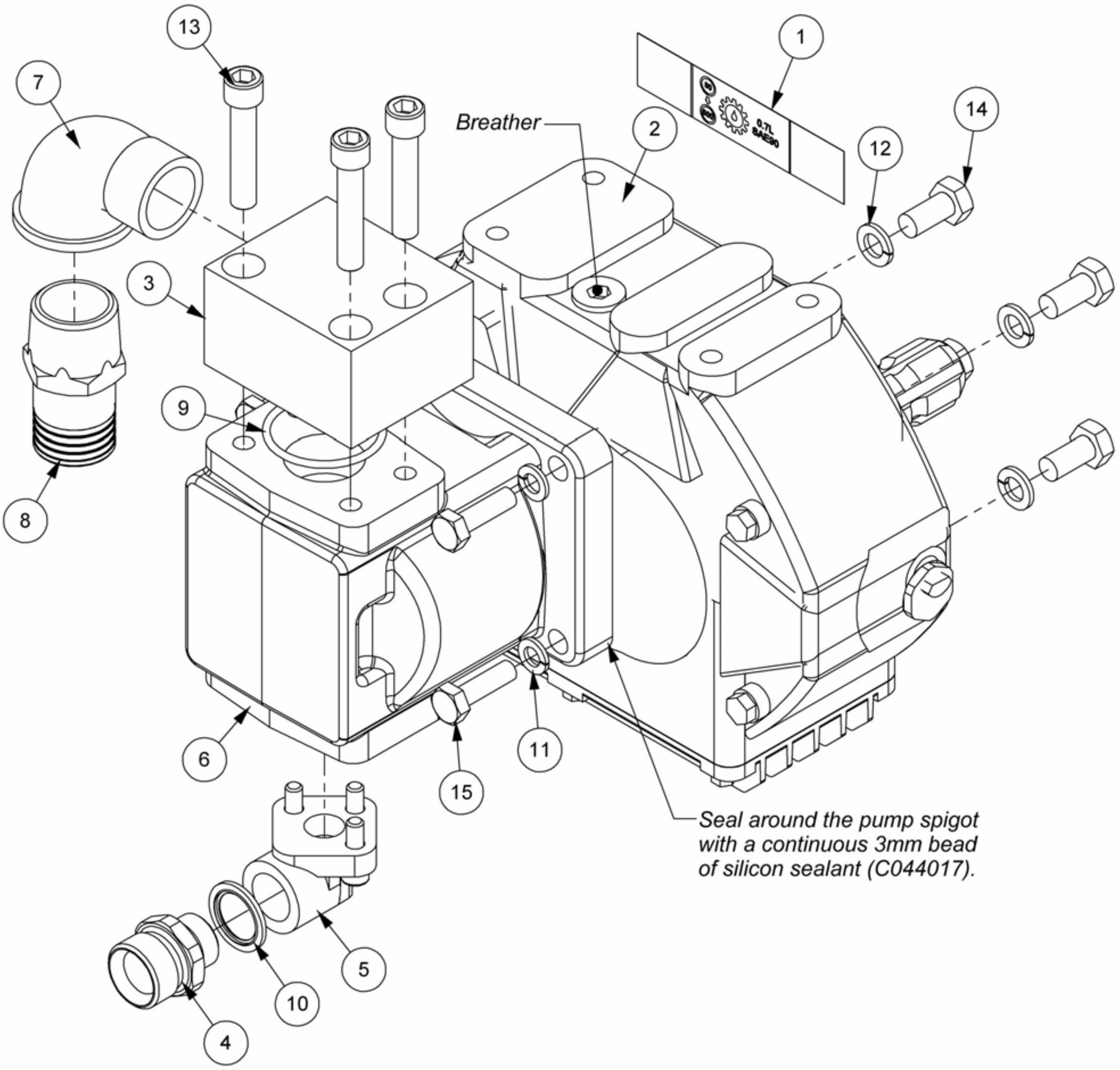
1	1	212.013.04	FILLER CAP
2	1	212.013.05	SPRING
3	1	212.013.06	FILTER SEAL
4	1	212.013.07	O RING (FILLER CAP)
5	1	212.013.08	O RING (FILLER HOUSING)
6	1	8401089	FILTER ELEMENT (25 Micron)




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Breather
Seal around the pump spigot with a continuous 3mm bead of silicon sealant (C044017).
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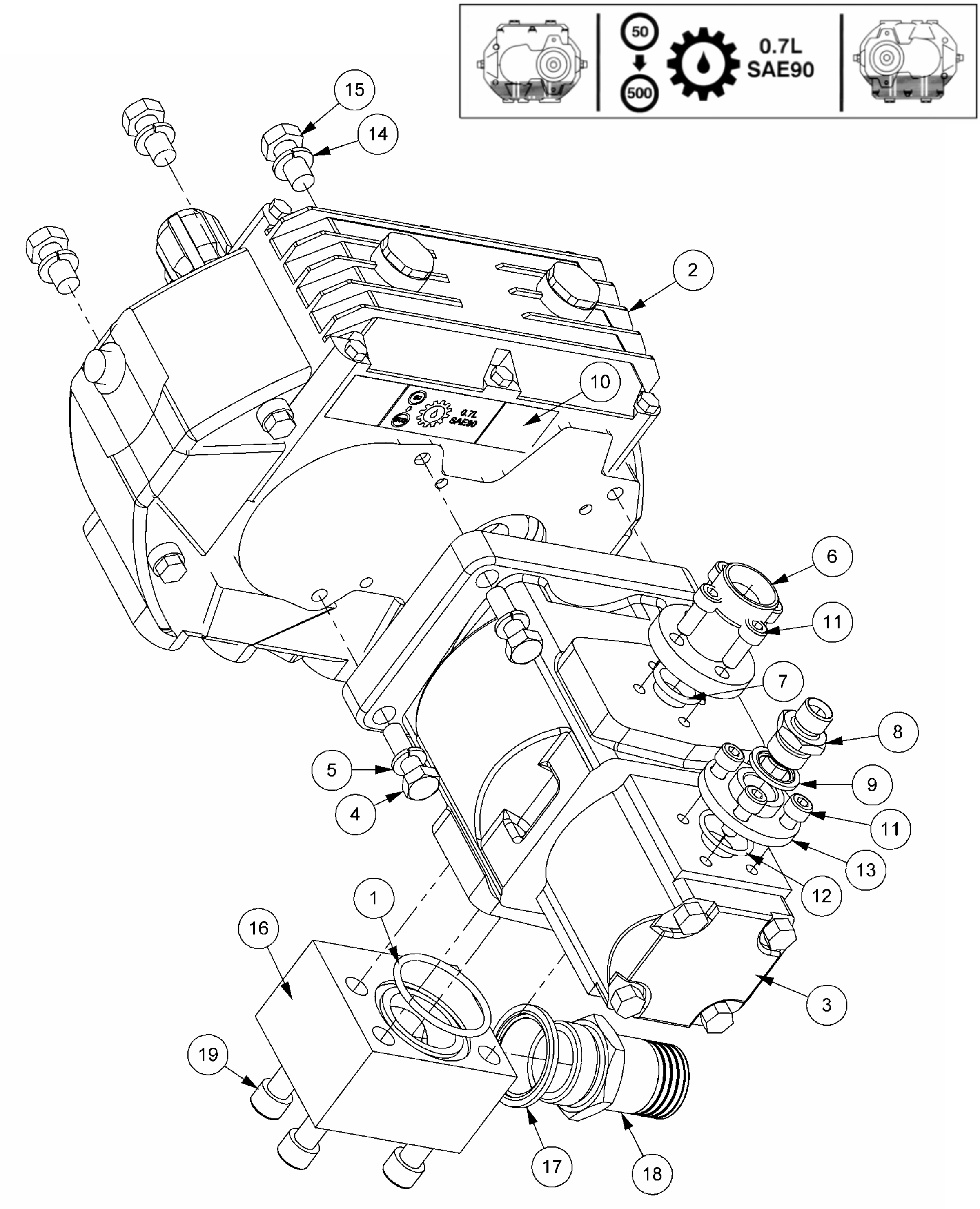
REF.	QTY.	PART NO.	DESCRIPTION
		8013498	**SI PUMP & GEARBOX ASSEMBLY - L/H Build**
1	1	8600523	O RING
2	1	21931.01	GEARBOX - CAST IRON 1:4.25 (13T SPLINE)
3	1	8201686	PUMP - SI
4	4	9313075	SETSCREW
5	4	9100205	SPRING WASHER
6	1	8013090	PUMP CONNECTION
7	1	8600117	O RING
8	4	9300147	CAPSCREW
9	1	1290092	DECAL - GEARBOX
10	1	8600304	O RING
11	4	9100206	SPRING WASHER
12	4	9313056	SETSCREW
13	1	42142.01	SUCTION BLOCK - PARALLEL
14	1	8581260	ADAPTOR - LP
15	1	8650109	BONDED SEAL
16	3	9243126	CAPSCREW


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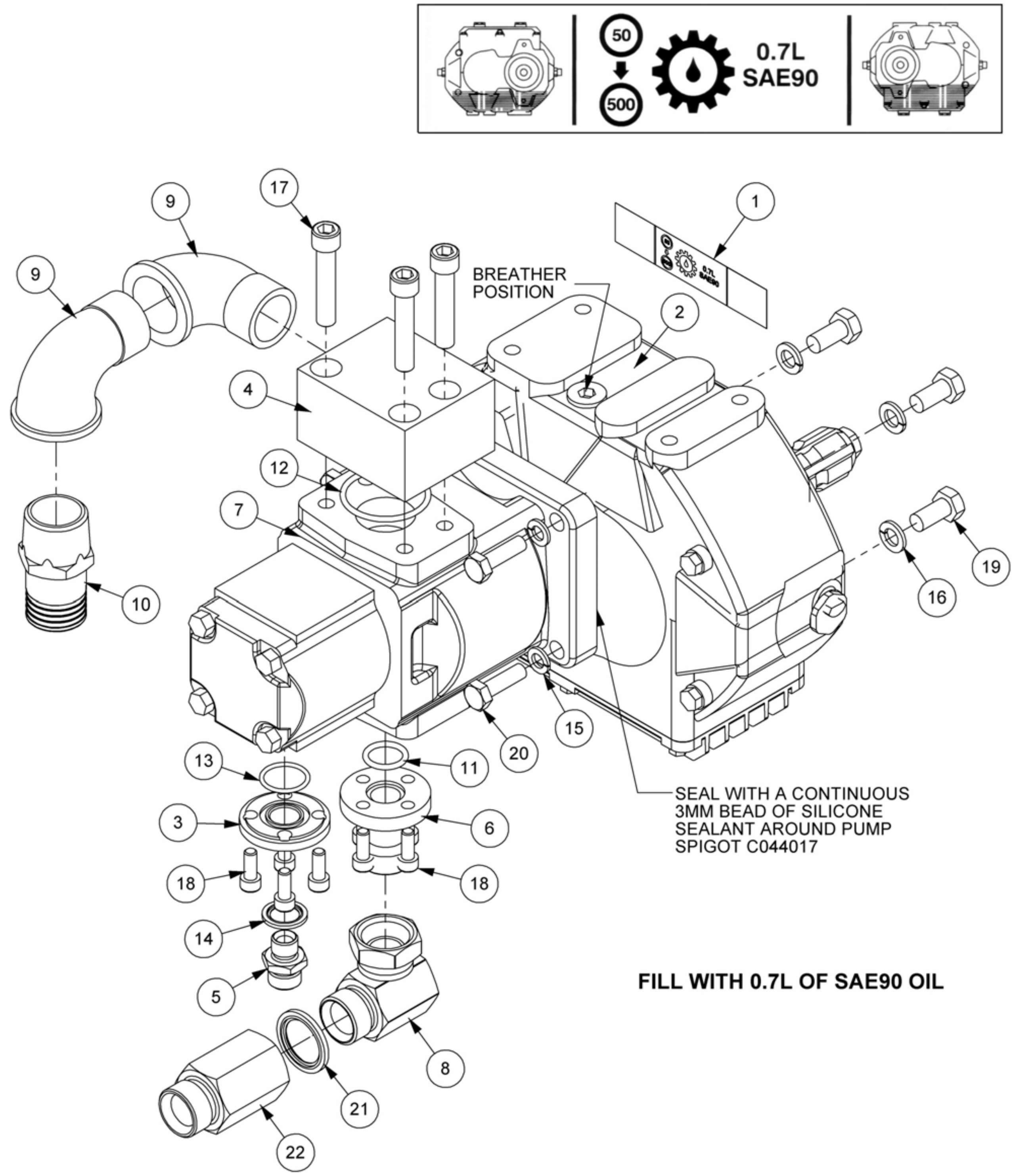

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Breather
Seal around the pump spigot
with a continuous 3mm bead
of silicon sealant (C044017).

McCONNEL

REF.	QTY.	PART NO.	DESCRIPTION
		8013608	**SI PUMP & GEARBOX ASSEMBLY - R/H Build**
1	1	1290092	DECAL - GEARBOX
2	1	21931.01	GEARBOX - CAST IRON 1:4.25 (13T SPLINE)
3	1	42142.02	BLOCK - SUCTION TAPER
4	1	8002086	ADAPTOR
5	1	8005052	PRESSURE CONNECTION KIT
6	1	8201686	PUMP - SI
7	1	8581261	ADAPTOR
8	1	8581367	ADAPTOR - LP
9	1	8600304	O RING
10	1	8650106	BONDED SEAL
11	4	9100205	SPRING WASHER
12	4	9100206	SPRING WASHER
13	3	9243126	CAPSCREW
14	4	9313056	SETSCREW
15	4	9313075	SETSCREW


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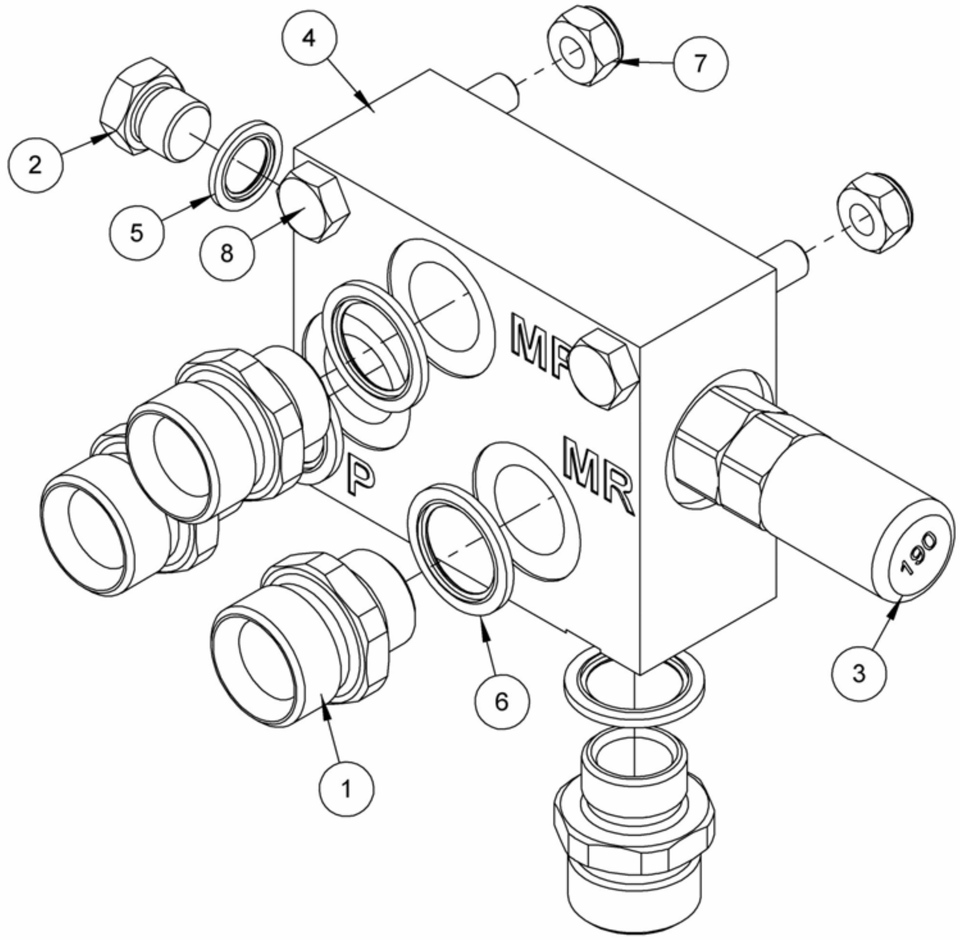
REF.	QTY.	PART NO.	DESCRIPTION
		8013500	**TI PUMP & GEARBOX ASSEMBLY - L/H Build**
1	1	21931.01	GEARBOX 1:4.25 13T SPLINE
2	1	8201700	TANDEM PUMP ASSEMBLY (TI)
	1	8201165	FRONT PUMP (LARGE)
	1	8201728	REAR PUMP (SMALL)
	1	8201729	COUPLING (MM)
3	1	8600304	O RING
4	4	9313075	SETSCREW
5	4	9100205	SPRING WASHER
6	1	8013090	PUMP CONNECTION
7	1	8600117	O RING
8	1	6000112	ADAPTOR
9	1	8650104	BONDED SEAL
10	1	1290092	GEARBOX DECAL
11	8	9300147	CAPSCREW
12	1	8600405	O RING
13	1	42029.01	PORT PLATE
14	4	9100206	SPRING WASHER
15	4	9313056	SETSCREW
16	1	42142.01	BLOCK - SUCTION PARALLEL
17	1	8650109	BONDED SEAL
18	1	8581260	ADAPTOR
19	3	9243126	CAPSCREW

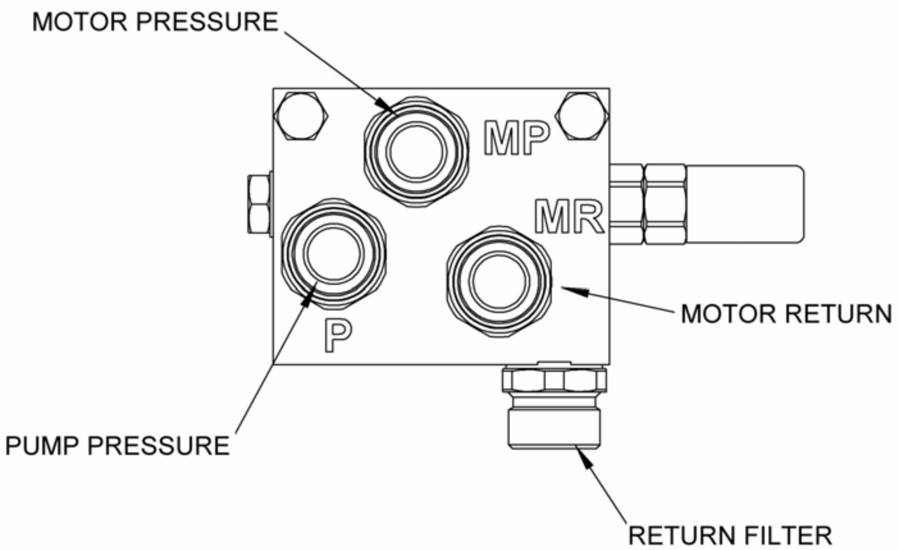


FILL WITH 0.7L OF SAE90 OIL

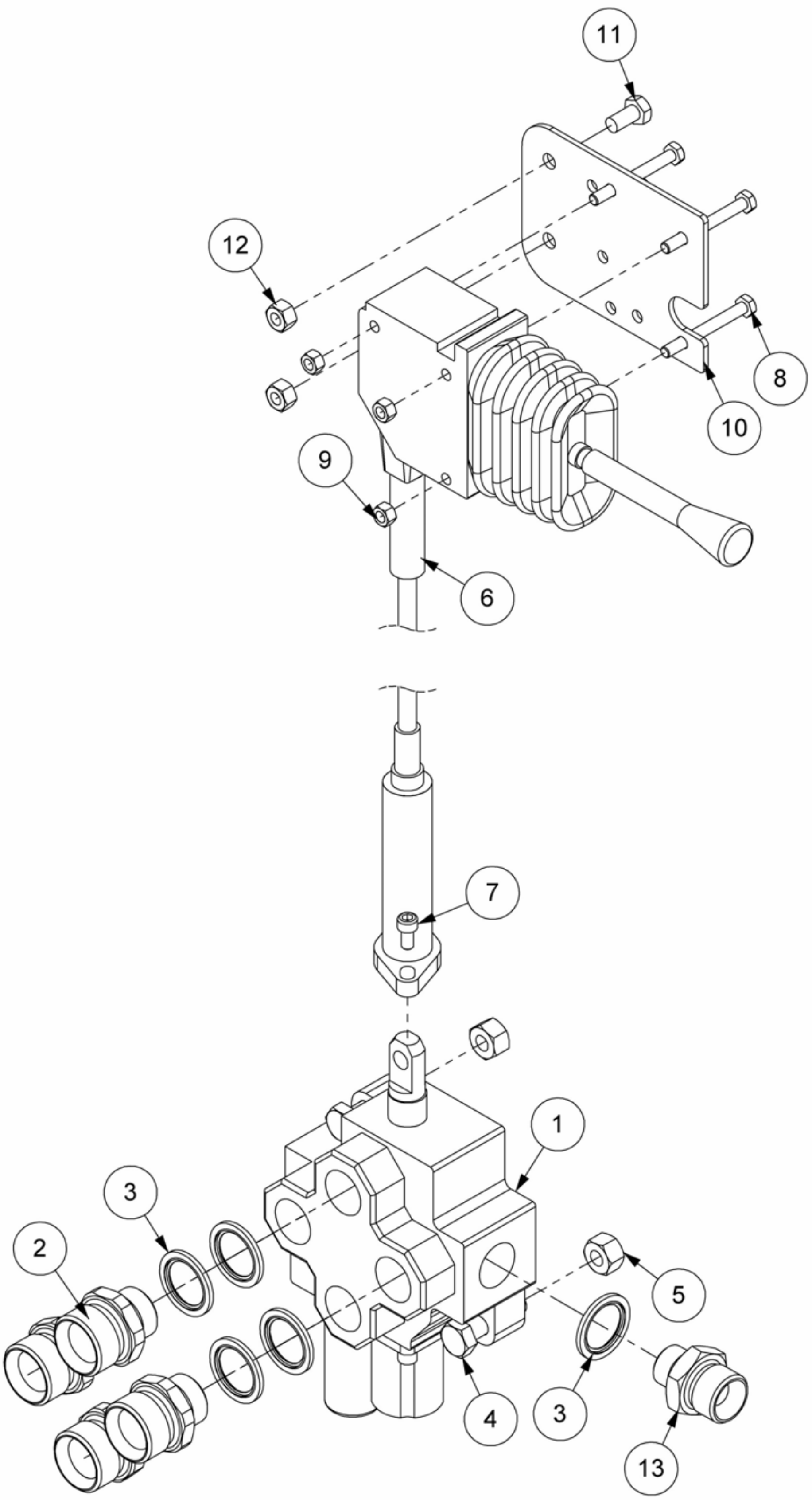
McCONNEL

REF.	QTY.	PART NO.	DESCRIPTION
		8013609	**TI PUMP & GEARBOX ASSEMBLY - R/H Build**
1	1	1290092	DECAL - GEARBOX
2	1	21931.01	GEARBOX - CAST IRON 1:4.25 (13T SPLINE)
3	1	42029.01	PORT PLATE
4	1	42142.02	BLOCK - SUCTION TAPER
5	1	6000112	ADAPTOR
6	1	8013090	PUMP CONNECTION
7	1	8201700	TANDEM PUMP ASSEMBLY (TI)
	1	8201165	FRONT PUMP (LARGE)
	1	8201728	REAR PUMP (SMALL)
	1	8201729	COUPLING (MM)
8	1	8581212	BLOCK ELBOW - 90°
9	2	8581261	ADAPTOR
10	1	8581367	ADAPTOR - LP
11	1	8600117	O RING
12	1	8600304	O RING
13	1	8600405	O RING
14	1	8650104	BONDED SEAL
15	4	9100205	SPRING WASHER
16	4	9100206	SPRING WASHER
17	3	9243126	CAPSCREW
18	8	9300147	CAPSCREW
19	4	9313056	SETSCREW
20	4	9313075	SETSCREW
21	1	8650108	BONDED SEAL
22	1	8581211	EXTENSION ADAPTOR


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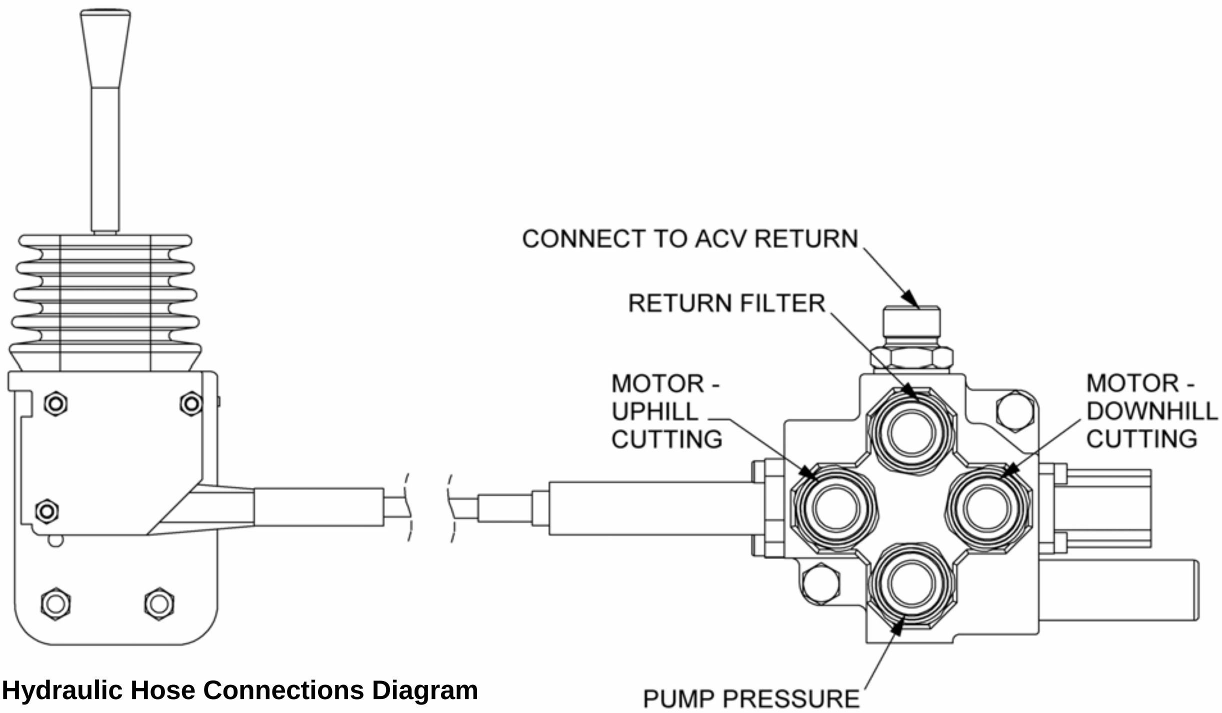

MOTOR PRESSURE
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MR
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MOTOR RETURN
PUMP PRESSURE
RETURN FILTER

REF.	QTY.	PART No.	DESCRIPTION
		7150709	**ROTOR RELIEF VALVE - SI Models**
1	4	8002086	ADAPTOR
2	1	8003001	ADAPTOR PLUG
3	1	8125108	RELIEF VALVE - 190 BAR
4	1	8125352	ROTOR RELIEF BLOCK
5	1	8650103	BONDED SEAL
6	4	8650106	BONDED SEAL
7	2	9163005	NYLOC NUT
8	2	9213135	BOLT

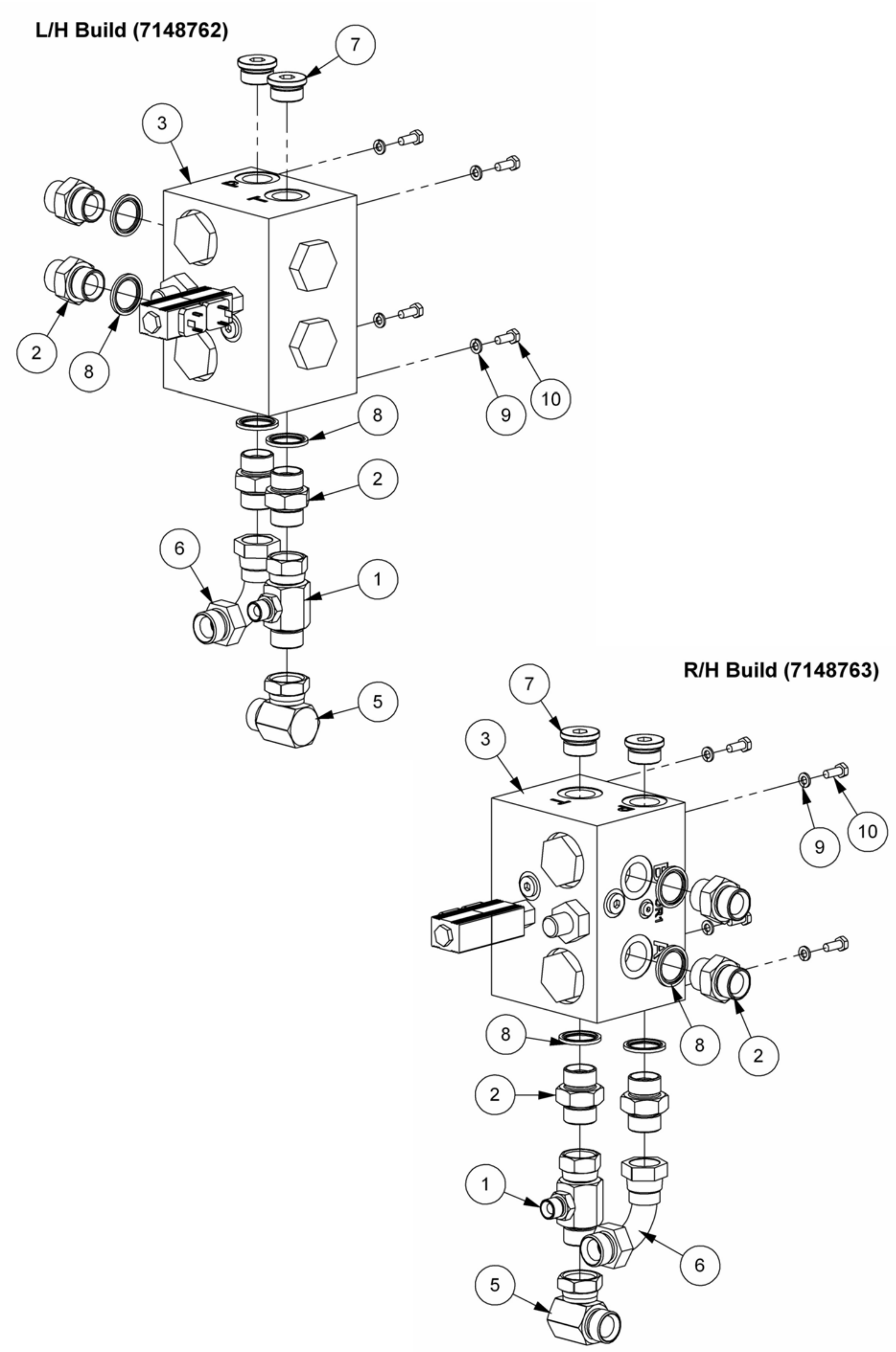


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REF.	QTY.	PART No.	DESCRIPTION
		7150736	**CABLE RCV ASSEMBLY - L/H Build**
		7150738	**CABLE RCV ASSEMBLY - R/H Build**
1	1	8125381	ROTOR CONTROL VALVE (190BAR) - L/H Build
	1	8125356	ROTOR CONTROL VALVE (190BAR) - R/H Build
2	4	8002086	ADAPTOR
3	5	8650106	BONDED SEAL
4	2	9213085	BOLT
5	2	9143005	SELF-LOCKING NUT
6	1	8017065	ROTOR CONTROL HEAD & CABLE (2.5m)
7	2	9343023	CAPSCREW
8	3	9213113	BOLT
9	3	9143003	SELF-LOCKING NUT
10	1	7650282	CONTROL CABLE BRACKET
11	2	9313034	SETSCREW
12	2	9113004	NUT
13	1	8581130	ADAPTOR

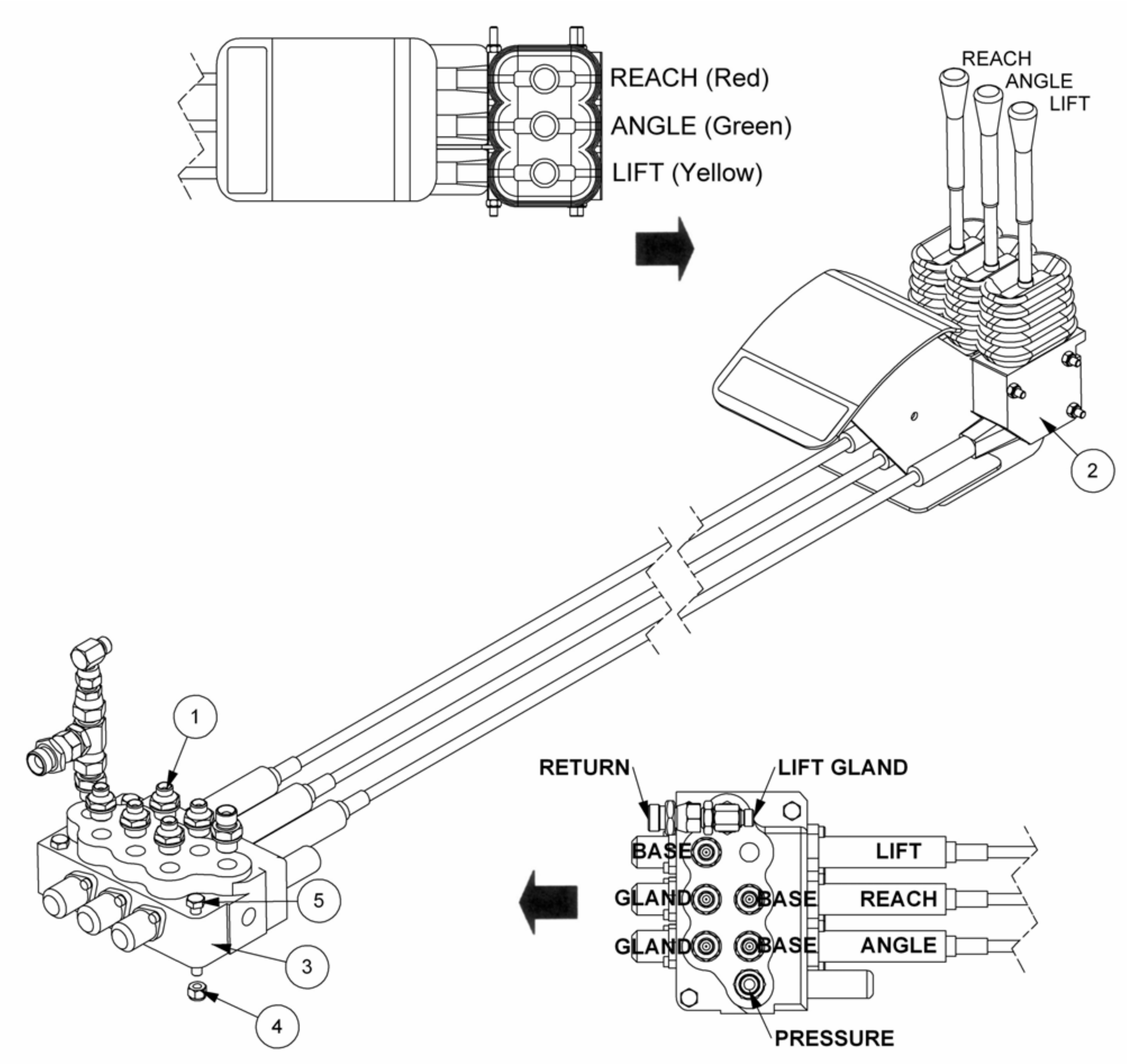


Hydraulic Hose Connections Diagram

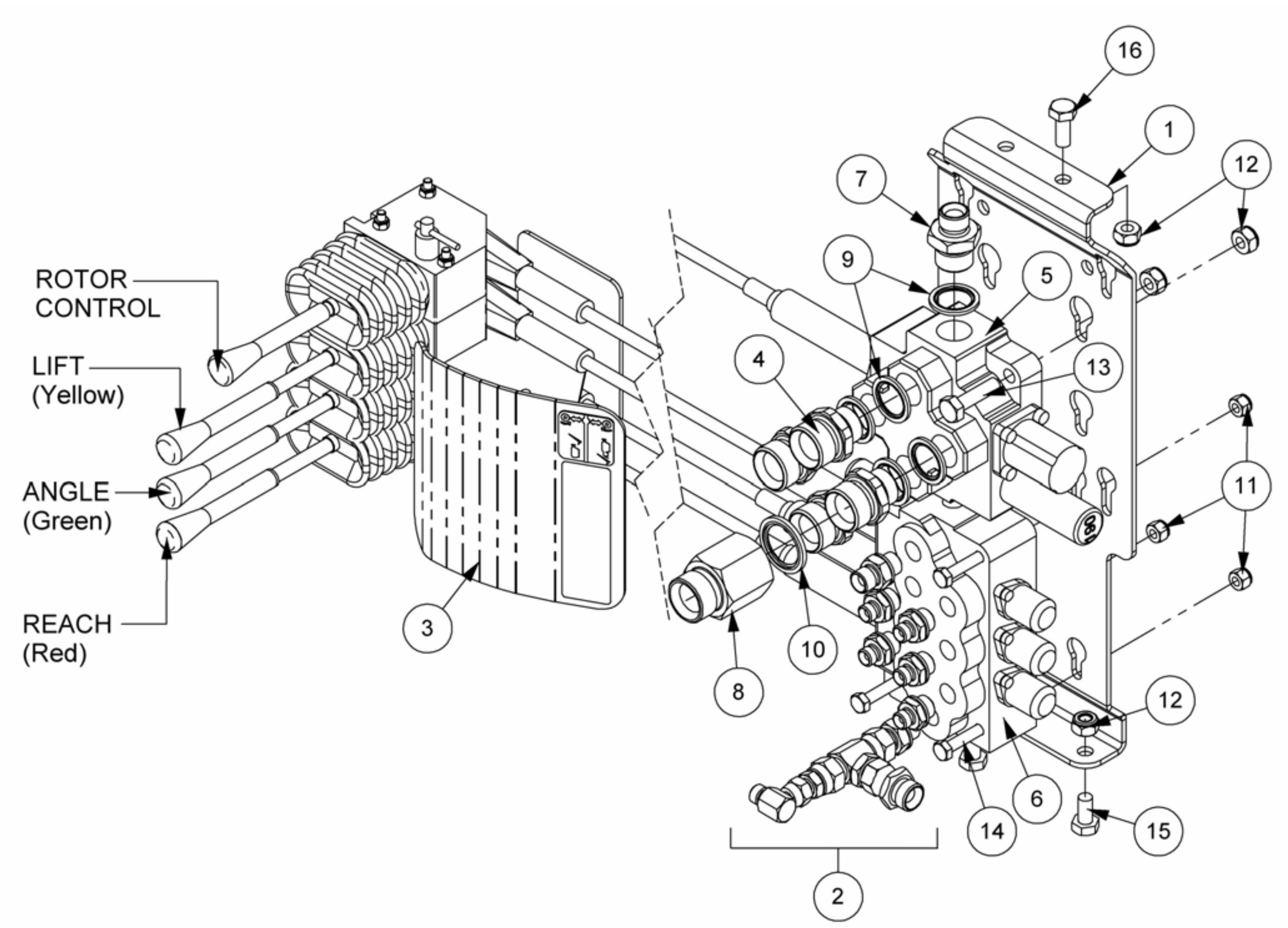

L/H Build (7148762)
7
3
2
8
8
2
9
10
6
1
5
R/H Build (7148763)
7
3
9
10
8
2
8
2
1
6
5

REF.	QTY.	PART NO.	DESCRIPTION
		7148762	**ELECTRIC RCV ASSEMBLY - L/H Build**
		7148763	**ELECTRIC RCV ASSEMBLY - R/H Build**
1	1	04.056.34	ADAPTOR TEE
2	4	05.434.01	ADAPTOR
3	1	42768.01	ELECTRIC RCV - *comprising of:*
	1	8600920	O RING
	1	42768.32	LOGIC ELEMENT
	1	42768.35	SOLENOID
	1	42768.36	ORIFICE PLUG
	1	42768.40	MANIFOLD
	1	42768.41	RELIEF VALVE
	1	42768.43	SOLENOID COIL
	1	42768.45	RELIEF VALVE
	1	42768.49	CARTRIDGE SPOOL VALVE
	1	8699260	SEAL KIT
4	1	43177.26	LOOM - ROTOR REVERSE
5	1	8581212	BLOCK ELBOW (90°)
6	1	8581264	90° SWEPT ADAPTOR
7	2	8581389	PLUG
8	4	8650108	BONDED SEAL
9	4	9100204	SPRING WASHER
10	4	9313044	SETSCREW

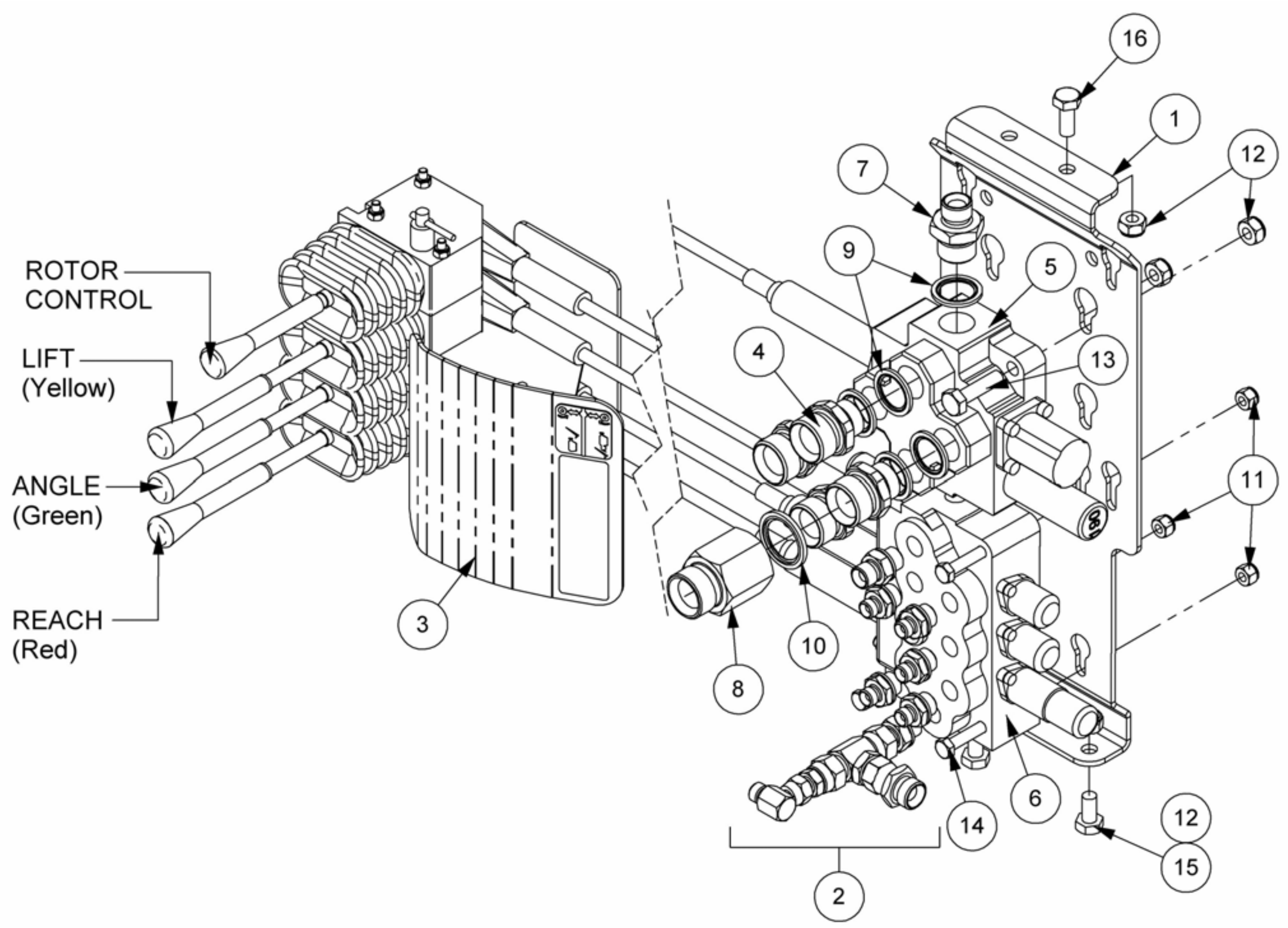
Note:
L/H & R/H Builds use identical components and differ only in their assembled location.



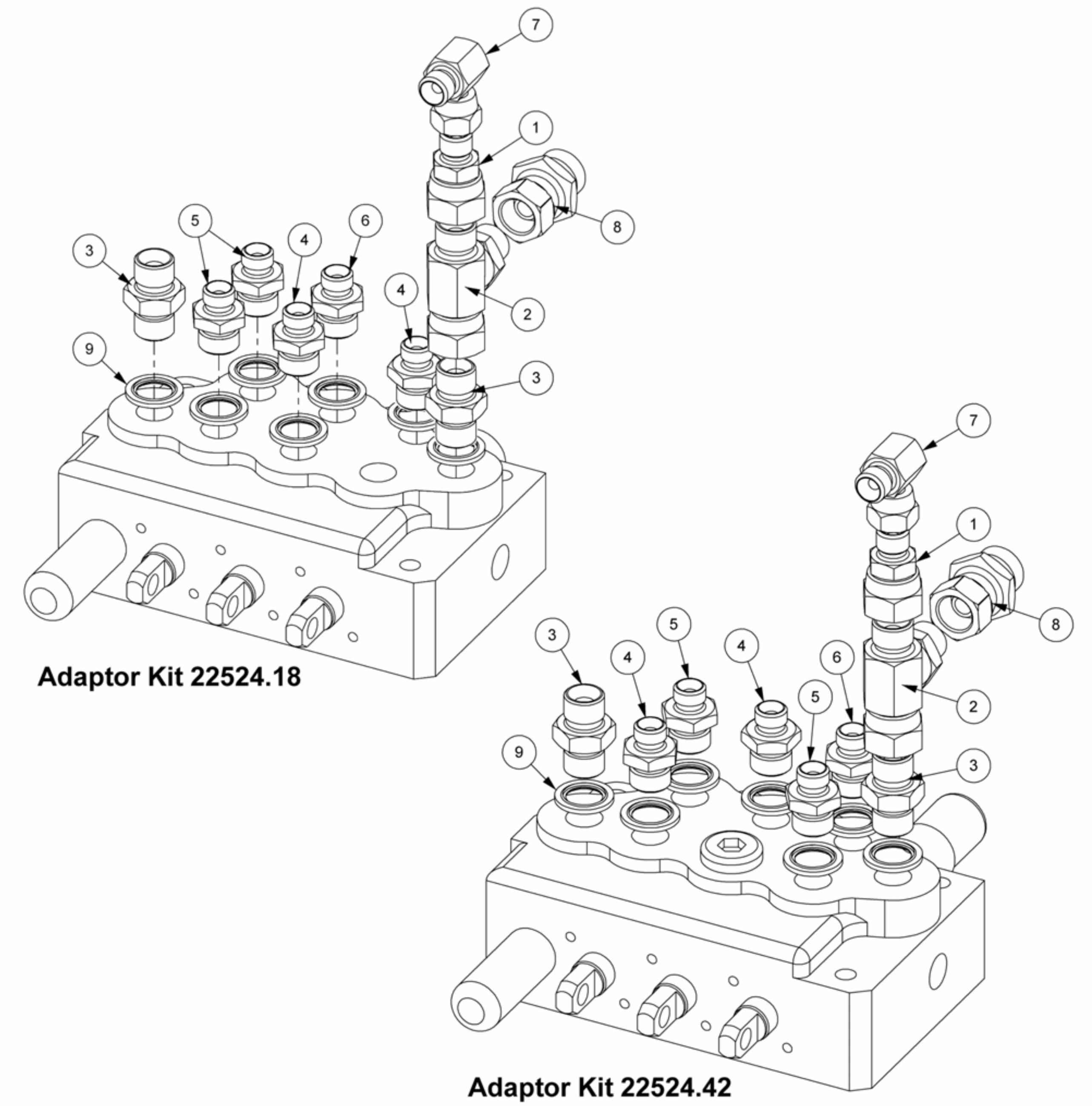
REF.	QTY.	PART NO.	DESCRIPTION
		7148772	**SI CABLE CONTROL VALVE ASSEMBLY**
1	1	22524.18	ADAPTOR KIT
2	1	22595.01	3 LEVER CABLE CONTROL KIT (3.0m)
3	1	8130334	3 SPOOL CONTROL VALVE
4	3	9163004	NYLOC NUT
5	3	9213134	BOLT



REF.	QTY.	PART NO.	DESCRIPTION
		7148792	**CABLE TI ACV & RCV ASSEMBLY - L/H Build**
		7148793	**CABLE TI ACV & RCV ASSEMBLY - R/H Build**
1	1	22506.02	VALVE MOUNTING
2	1	22524.18	ADAPTOR KIT
3	1	22595.05	4 LEVER CABLE CONTROL KIT
4	4	8002086	ADAPTOR
5	1	8125381	ROTOR CONTROL VALVE (190BAR) - L/H Build
	1	8125356	ROTOR CONTROL VALVE (190BAR) - R/H Build
6	1	8130334	3 SPOOL CONTROL VALVE
7	1	8581130	ADAPTOR
8	1	8581241	EXTENSION ADAPTOR
9	5	8650106	BONDED SEAL
10	1	8650108	BONDED SEAL
11	3	9163004	NYLOC NUT
12	5	9163005	NYLOC NUT
13	2	9213085	BOLT
14	3	9213134	BOLT
15	2	9313045	SETSCREW
16	1	9313055	SETSCREW

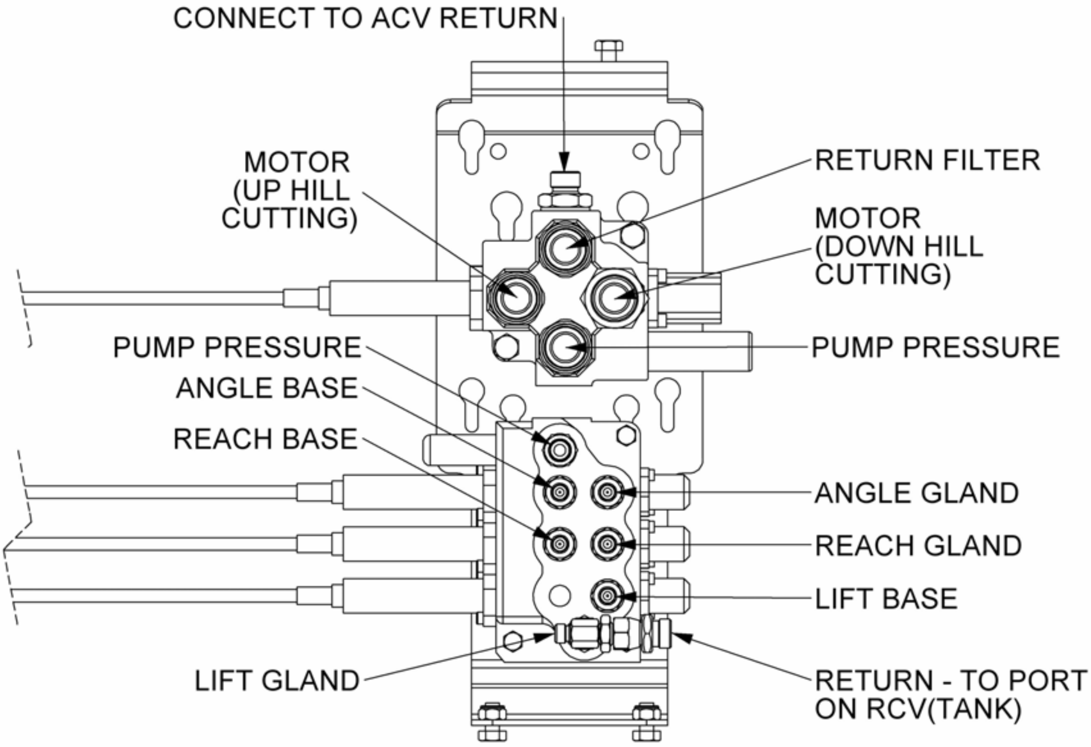


REF.	QTY.	PART NO.	DESCRIPTION
		7148798	**CABLE TI ACV (A/F) & RCV ASSEMBLY - L/H Build**
1	1	22506.02	VALVE MOUNTING
2	1	22524.42	ADAPTOR KIT
3	1	22595.05	4 LEVER CABLE CONTROL KIT
4	4	8002086	ADAPTOR
5	1	8125381	ROTOR CONTROL VALVE (190BAR) - L/H Build
6	1	8130260	3 SPOOL CONTROL VALVE (WITH ANGLE FLOAT)
7	1	8581130	ADAPTOR
8	1	8581241	EXTENSION ADAPTOR
9	5	8650106	BONDED SEAL
10	1	8650108	BONDED SEAL
11	3	9163004	NYLOC NUT
12	5	9163005	NYLOC NUT
13	2	9213085	BOLT
14	3	9213134	BOLT
15	2	9313045	SETSCREW
16	1	9313055	SETSCREW

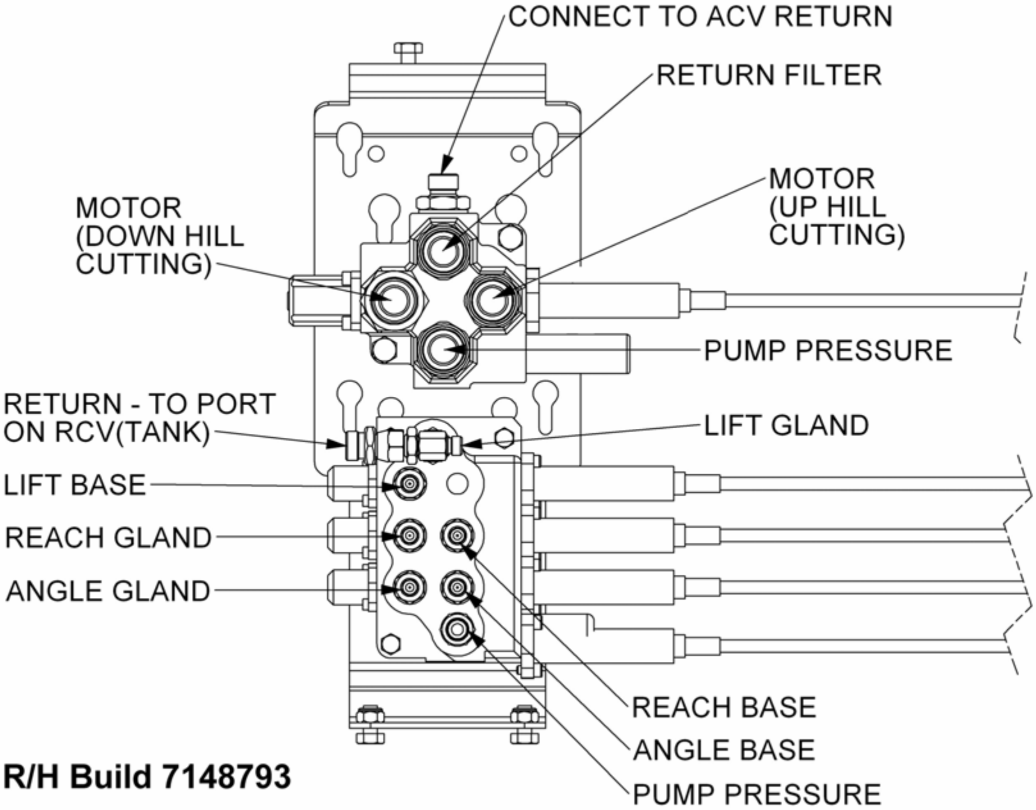


NOTE: Adaptor Kits 22524.18 & 22524.42 comprise of identical components but differ in the assembled location in their respective Control Valve.

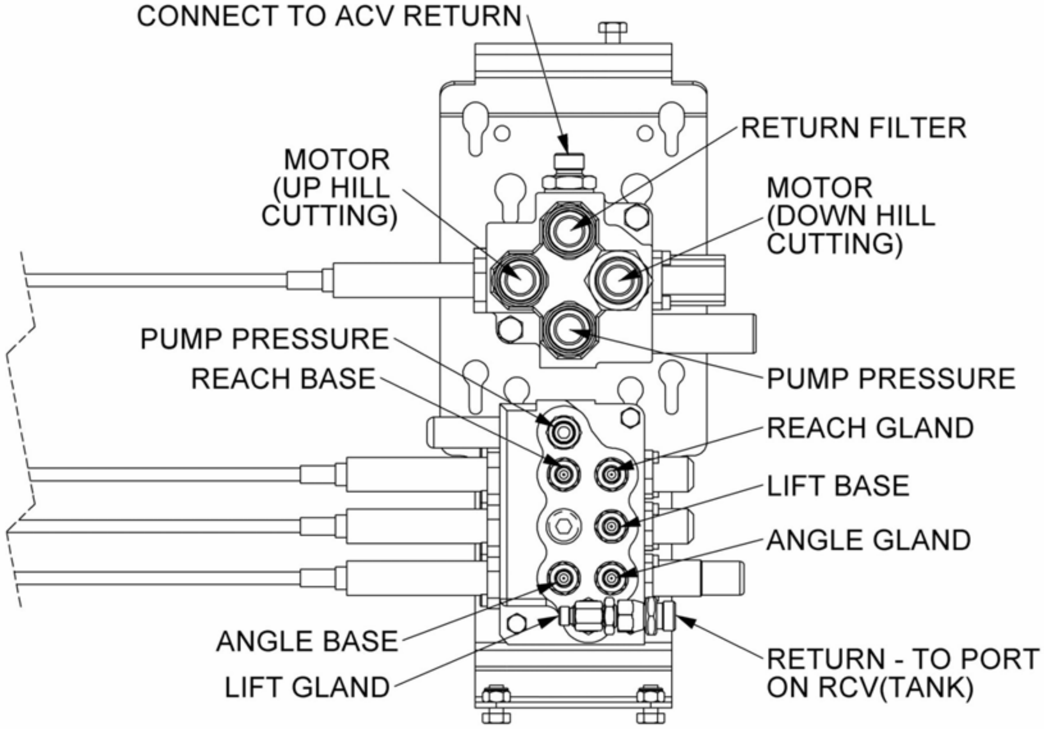
REF.	QTY.	PART NO.	DESCRIPTION
		22524.18	**ADAPTOR KIT (Control Valve 8130334)**
		22524.42	**ADAPTOR KIT (Control Valve 8130260)**
1	1	02.714.10	ADAPTOR
2	1	11.068.69	ADAPTOR TEE
3	2	6000113	ADAPTOR
4	2	8130046	ADAPTOR RESTRICTOR - 1.5 'A'
5	2	8130048	ADAPTOR RESTRICTOR - 1.3 'C'
6	1	8130066	ADAPTOR RESTRICTOR - 1.15 'M'
7	1	8581190	ADAPTOR ELBOW (90°)
8	1	8581285	ADAPTOR
9	7	8650103	BONDED SEAL



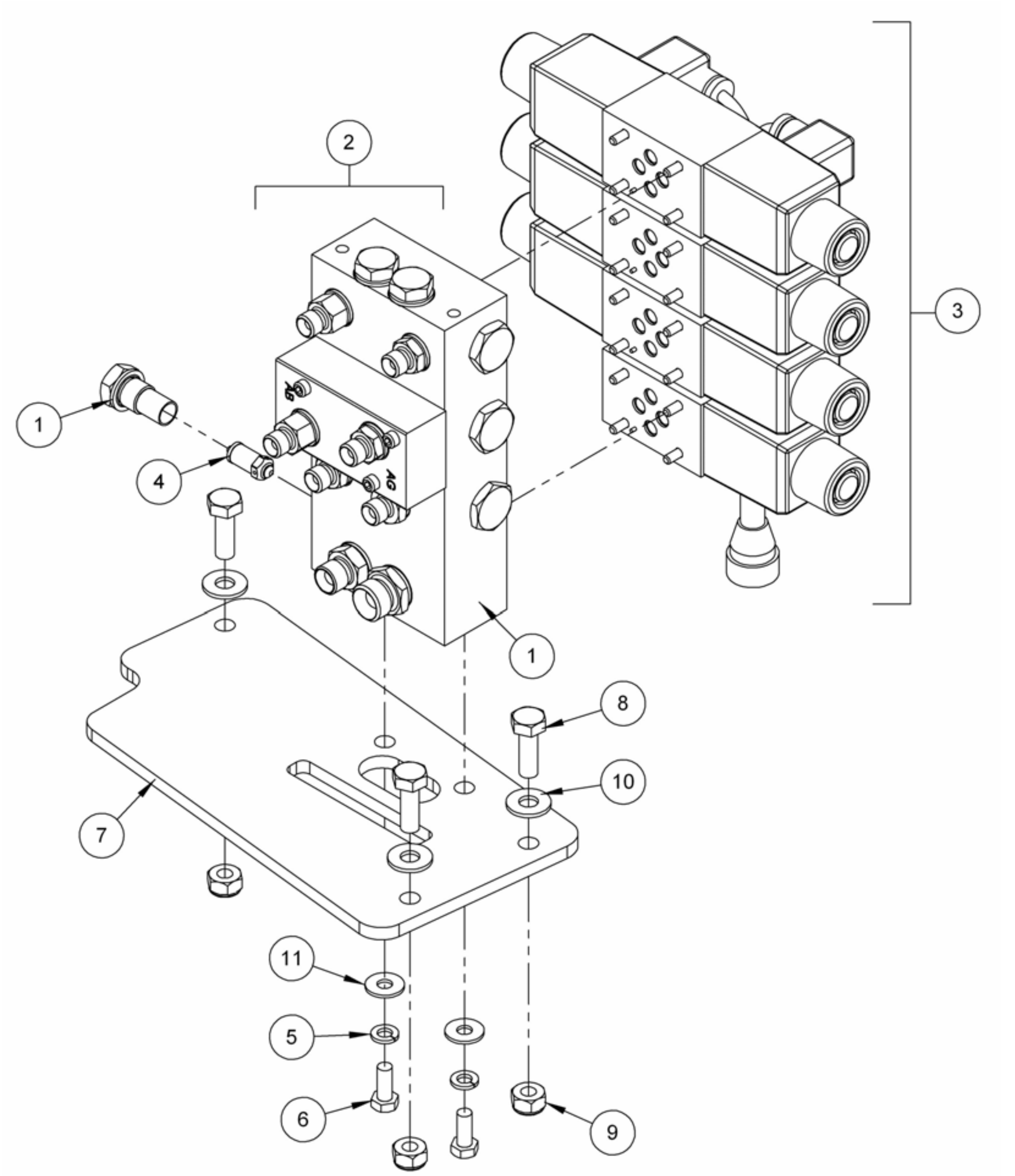
L/H Build 7148792



R/H Build 7148793

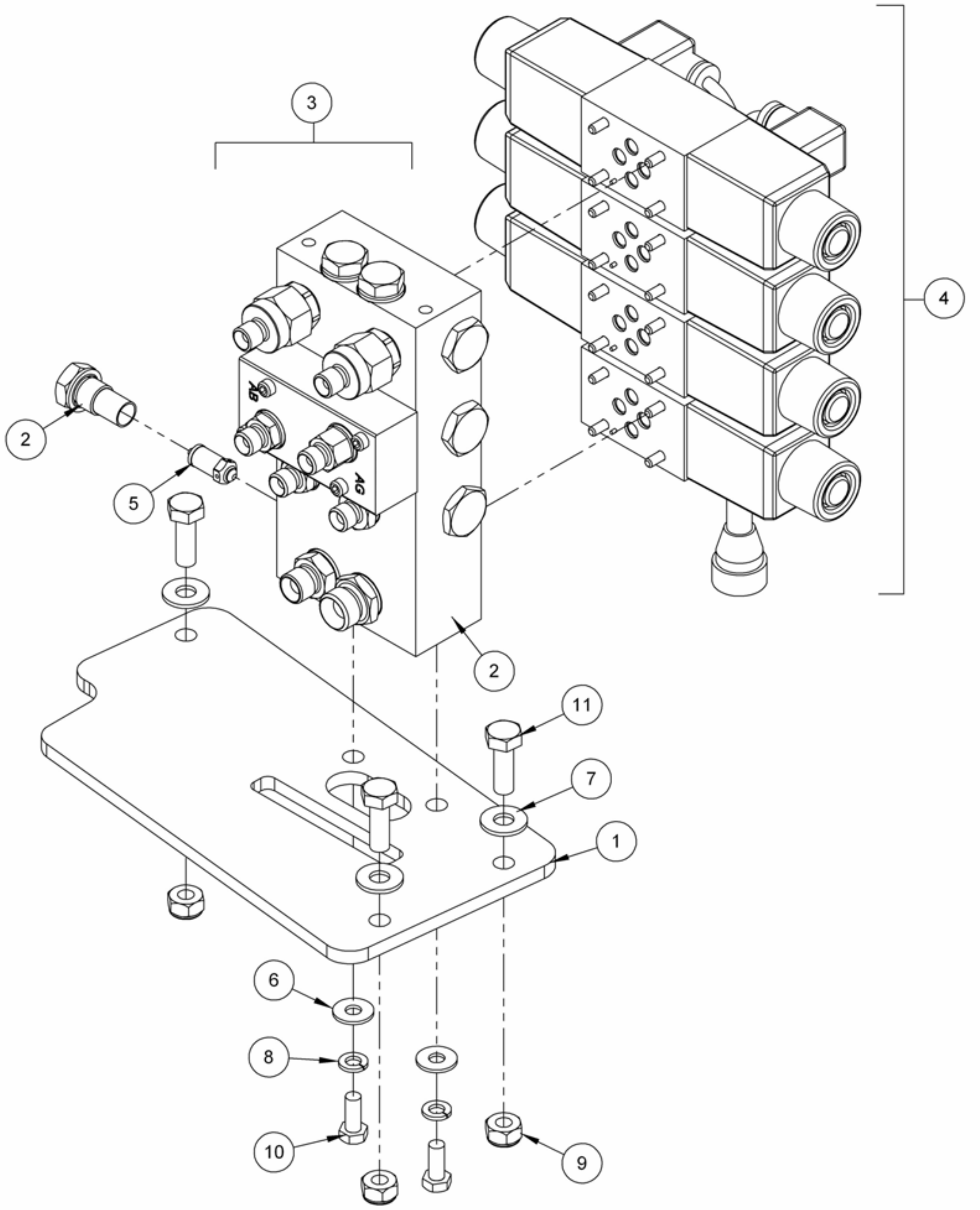


L/H Build (with Angle Float) 7148798



REF.	QTY.	PART NO.	DESCRIPTION
		7148766	**ELECTRIC CONTROL VALVE - L/H Build**
		7148767	**ELECTRIC CONTROL VALVE - R/H Build**
1	1	22523.03	3 BANK MANIFOLD ASSEMBLY
2	1	22524.04	ADAPTOR KIT
3	1	22525.04	CONTROL SOLENOIDS KIT
4	1	8130124	RELIEF VALVE (140BAR)
5	2	9100204	SPRING WASHER
6	2	9313044	SETSCREW
7	1	22516.02	VALVE MOUNTING PLATE
8	3	9313065	SETSCREW
9	3	9163005	NYLOC NUT
10	3	9100105	FLAT WASHER
11	2	9100104	FLAT WASHER

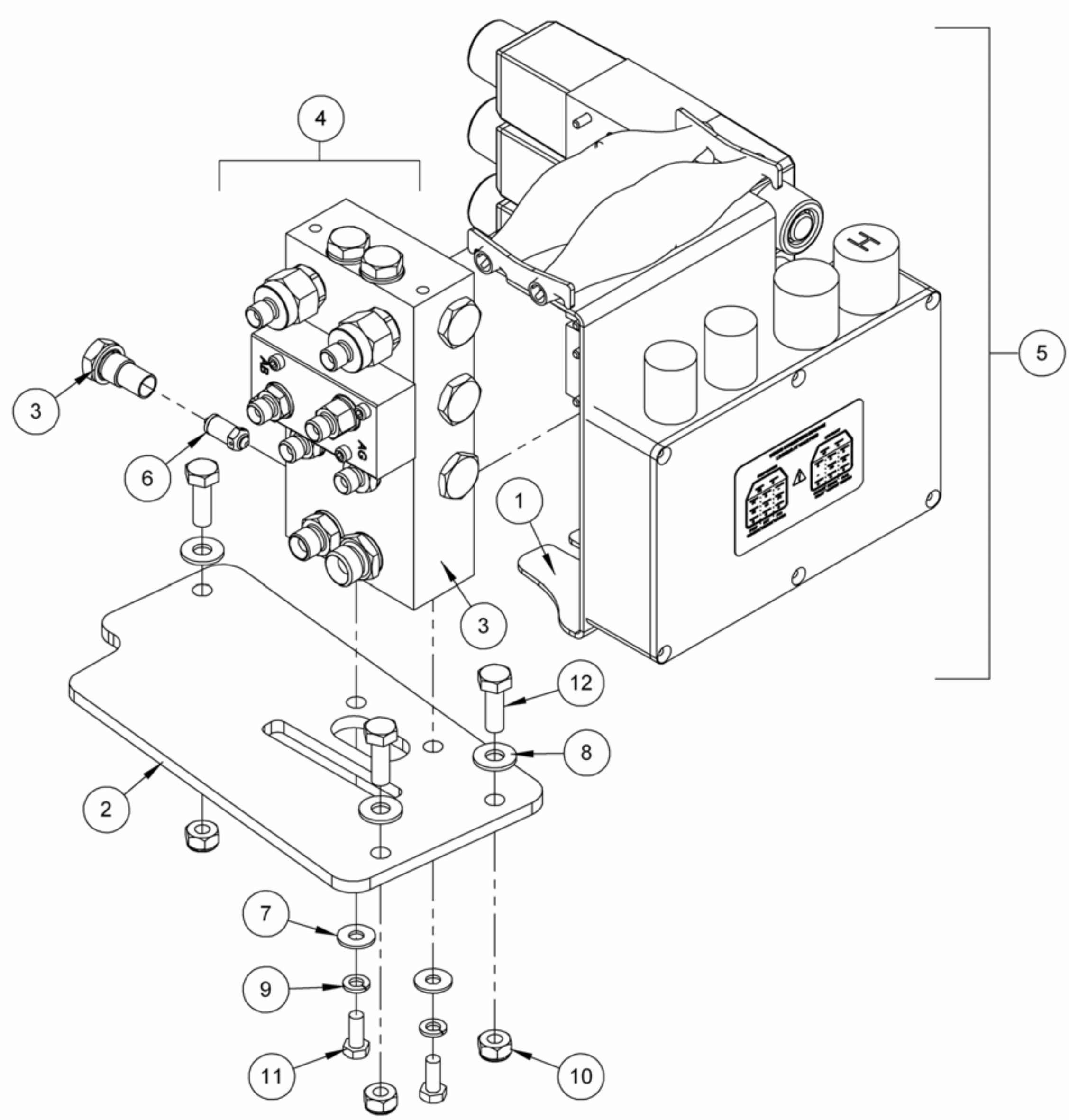
Note: L/H & R/H Builds use identical parts and differ only in component orientation.



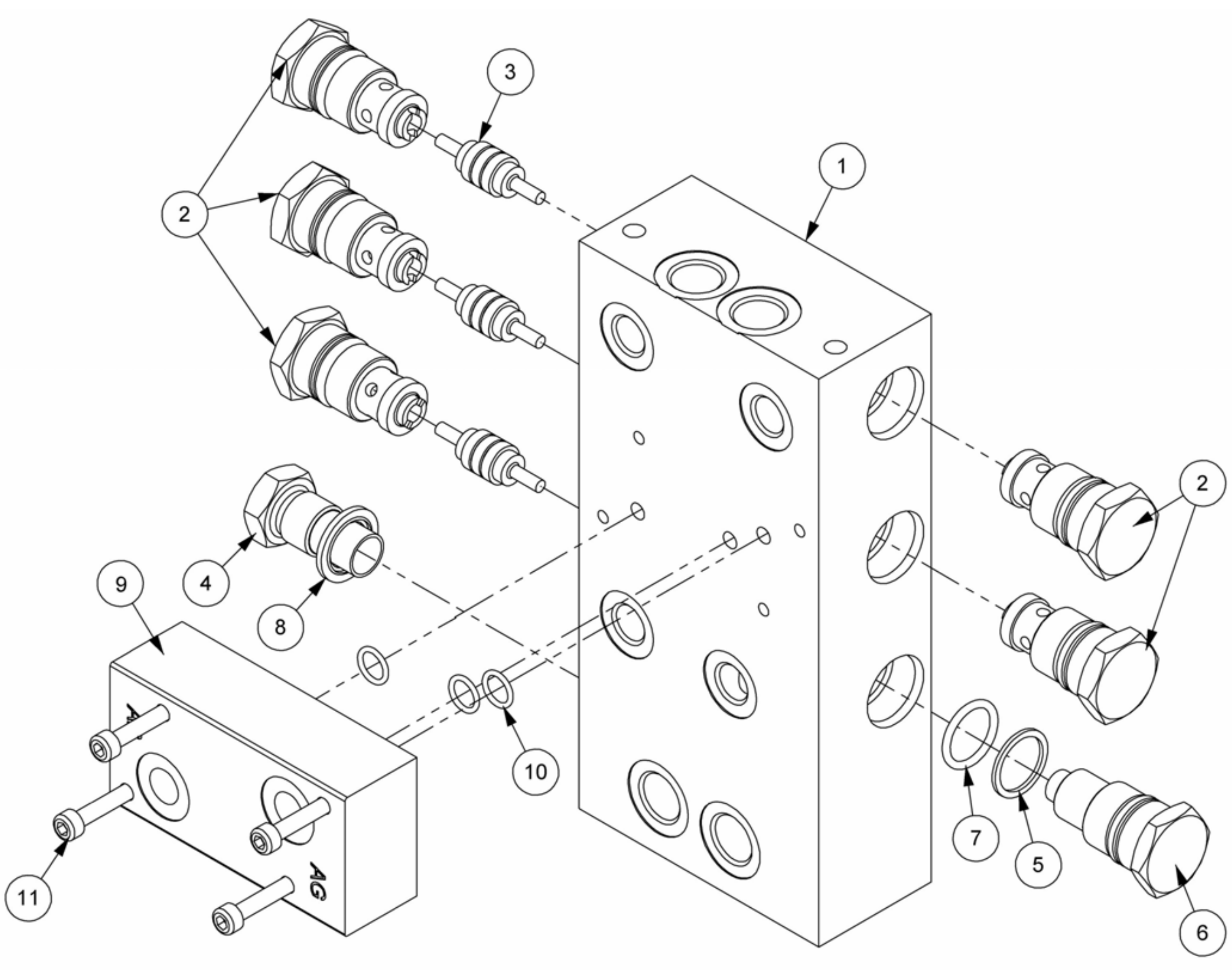
REF.	**QTY.**	**PART NO.**	**DESCRIPTION**
		7148768	**XTC PROP. CONTROL VALVE - L/H Build**
		7148769	**XTC PROP. CONTROL VALVE - R/H Build**
1	1	22516.02	VALVE MOUNTING PLATE
2	1	22523.03	3 BANK MANIFOLD ASSEMBLY
3	1	22524.17	ADAPTOR KIT
4	1	22525.16	CONTROL SOLENOIDS KIT
5	1	8130124	RELIEF VALVE (140BAR)
6	2	9100104	FLAT WASHER
7	3	9100105	FLAT WASHER
8	2	9100204	SPRING WASHER
9	3	9163005	NYLOC NUT
10	2	9313044	SETSCREW
11	3	9313065	SETSCREW

Note: L/H & R/H Builds use identical parts and differ only in component orientation.

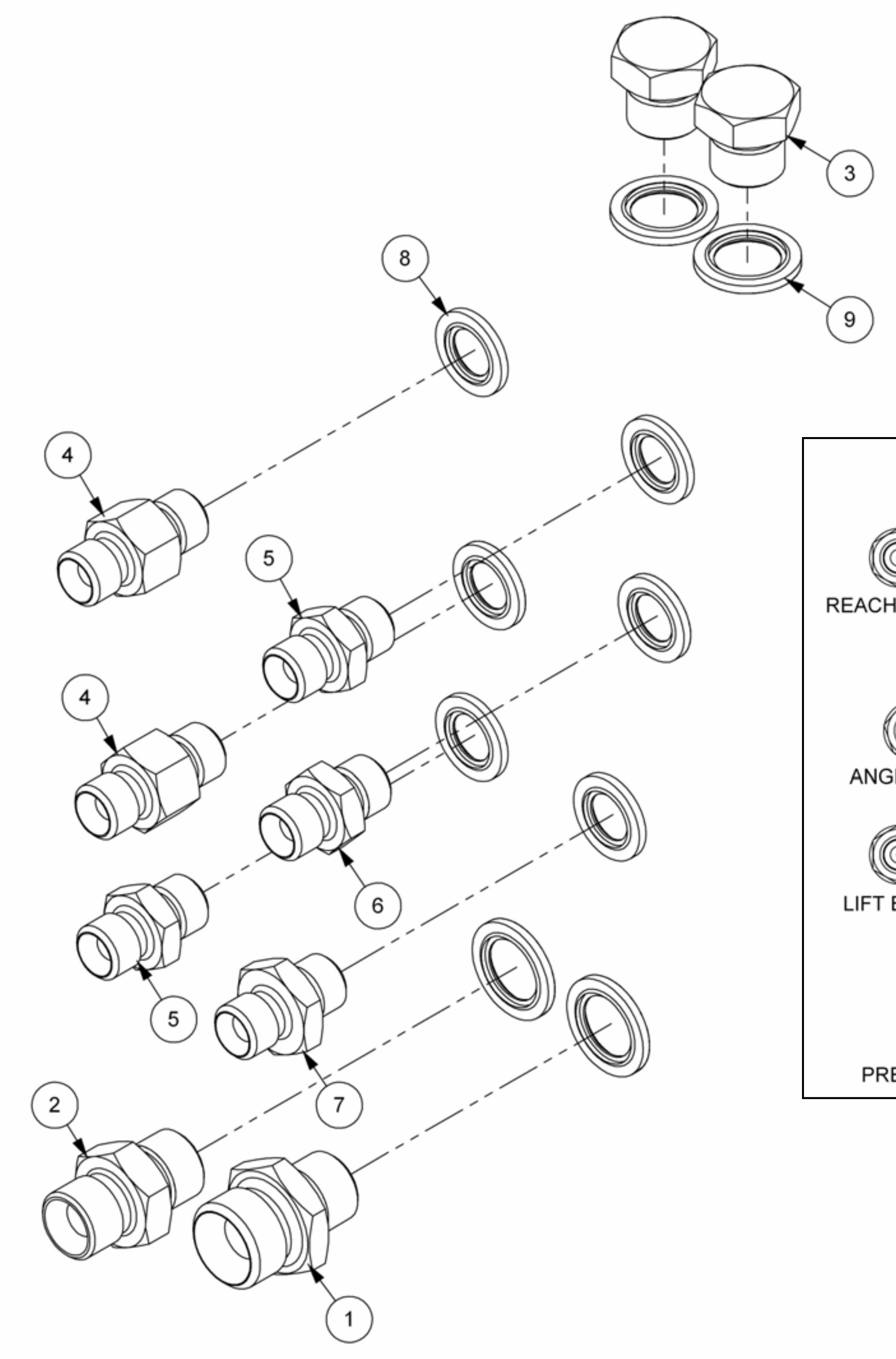
McCONNEL

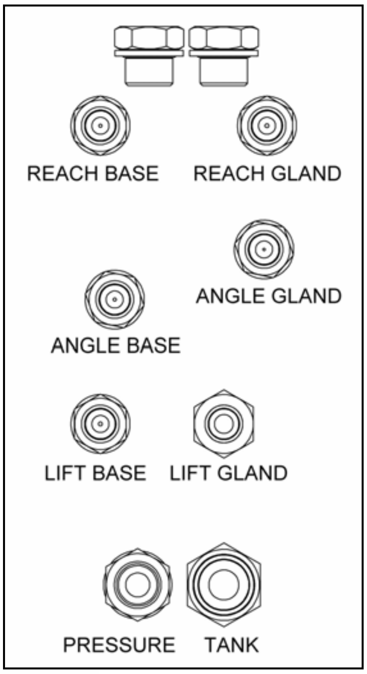


REF.	QTY.	PART No.	DESCRIPTION
		7148770	**V4 PROP. CONTROL VALVE ASSEMBLY - L/H Build**
		7148771	**V4 PROP. CONTROL VALVE ASSEMBLY - R/H Build**
1	1	21170.13	CONTROLLER MOUNTING BRACKET - L/H Build
	1	21170.14	CONTROLLER MOUNTING BRACKET - R/H Build
2	1	22516.02	VALVE MOUNTING PLATE
3	1	22523.03	3 BANK MANIFOLD ASSEMBLY
4	1	22524.17	ADAPTOR KIT
5	1	22525.17	CONTROL SOLENOIDS KIT
6	1	8130124	RELIEF VALVE (140BAR)
7	2	9100104	FLAT WASHER
8	3	9100105	FLAT WASHER
9	2	9100204	SPRING WASHER
10	3	9163005	NYLOC NUT
11	2	9313044	SETSCREW
12	3	9313065	SETSCREW

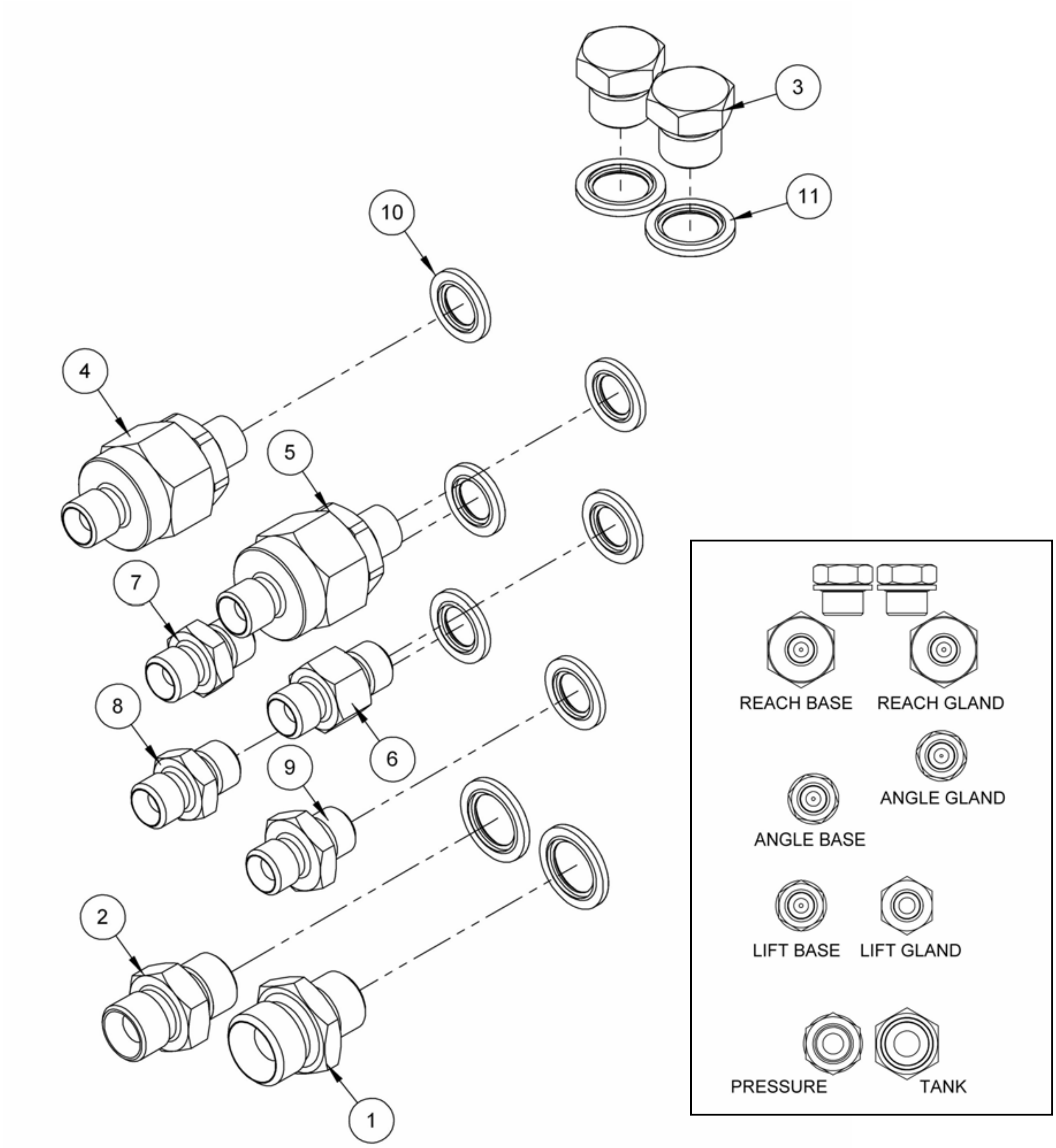


REF.	QTY.	PART No.	DESCRIPTION
		22523.03	**MANIFOLD ASSEMBLY - 3 BANK**
1	1	8130321	MANIFOLD BLOCK - 3 FUNCTION
2	5	8130090	CHECK VALVE ASSEMBLY - *comprising of:*
	1	8130025	CHECK VALVE CAP
	1	8114045	SPRING
	1	8130089	SPRING GUIDE
	1	0905509	STEEL BALL
	1	8700644	O RING
	1	8130088	CHECK VALVE SEAT
	1	8709644	BACKUP RING
3	3	8130087	ACTUATOR
4	1	8130032	RELIEF VALVE CAP
5	1	8709644	BACK UP RING
6	1	8130078	CHECK VALVE CAP
7	1	8700644	O RING

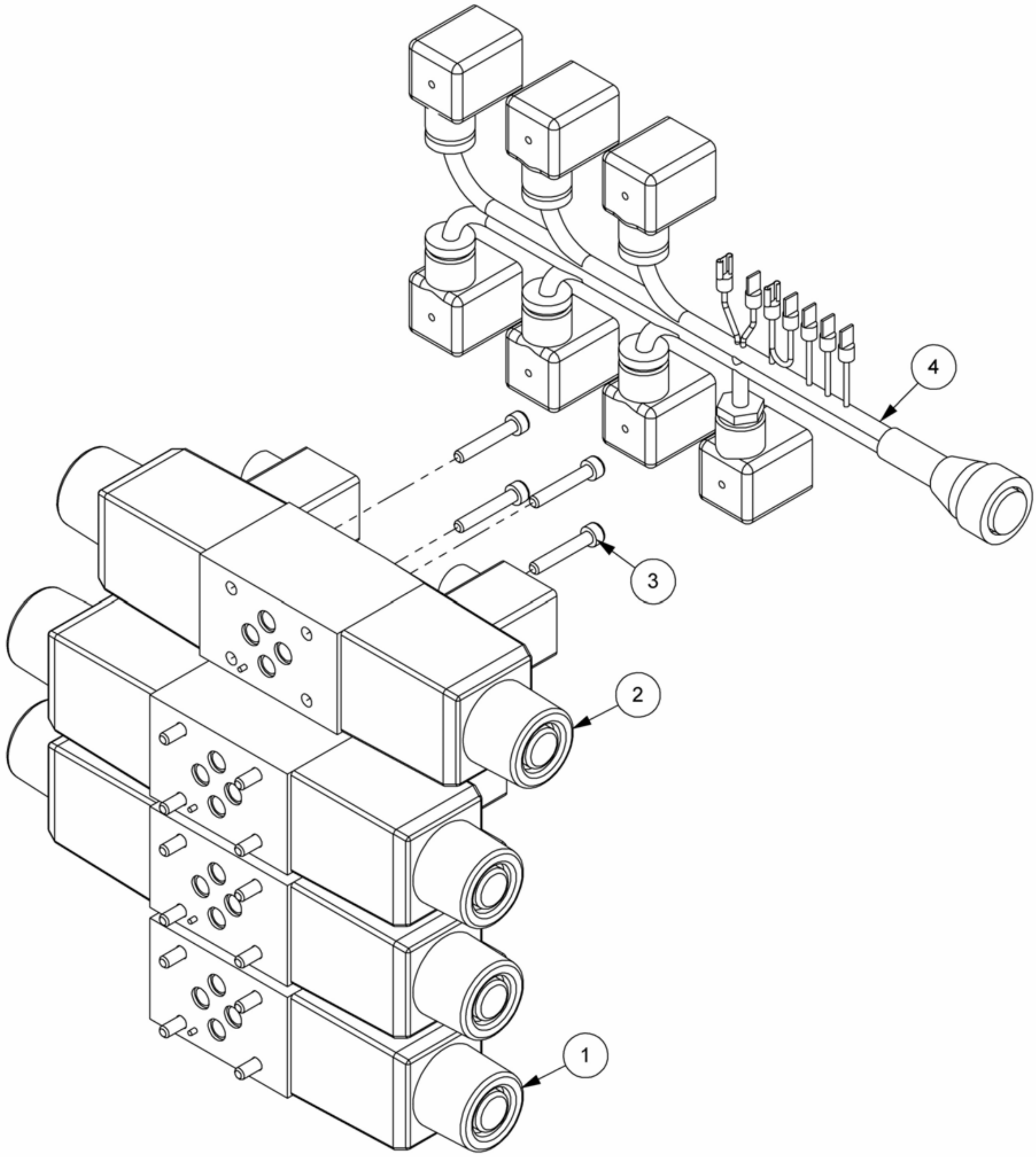




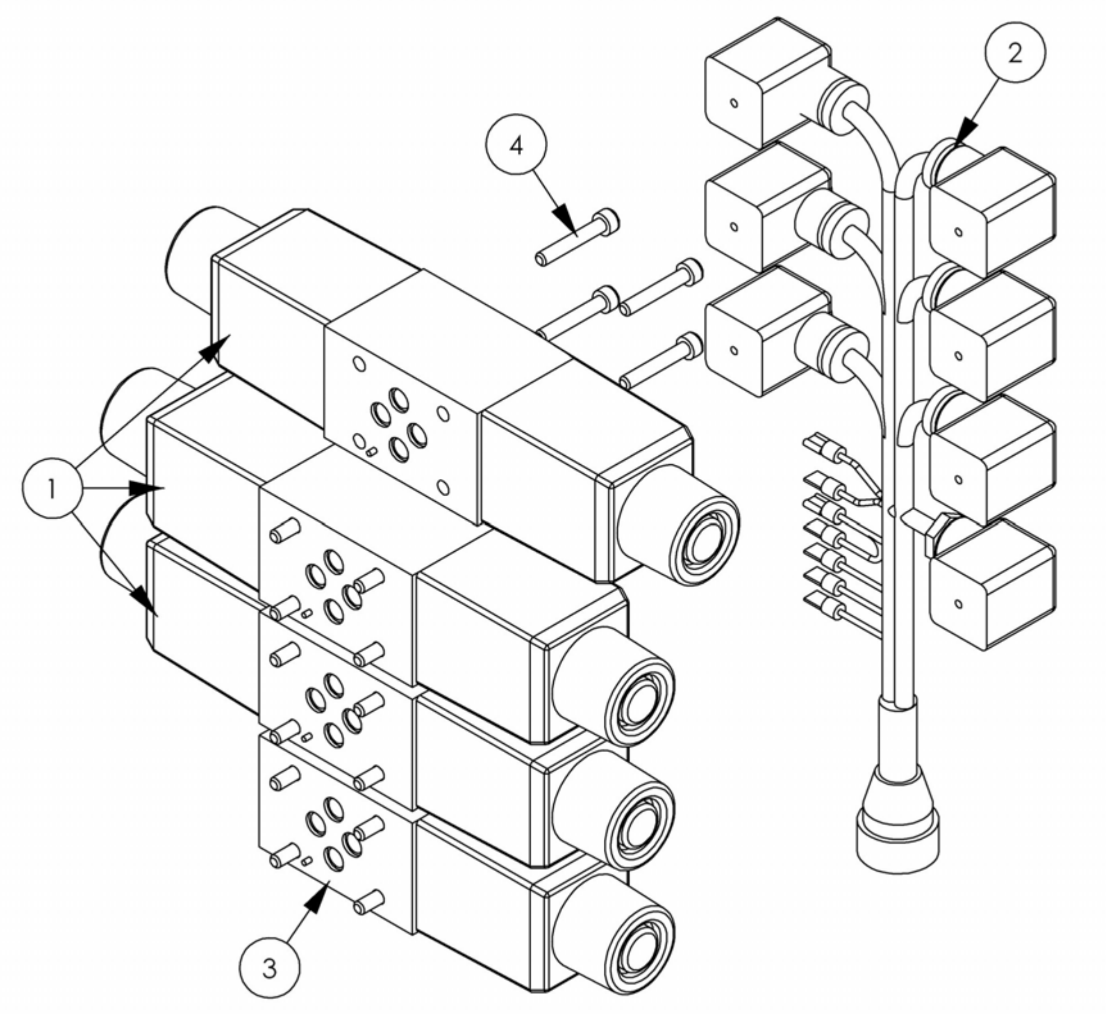
REF.	QTY.	PART NO.	DESCRIPTION
		22524.04	**ADAPTOR KIT**
1	1	6000112	ADAPTOR
2	1	6000113	ADAPTOR
3	2	8003001	ADAPTOR PLUG
4	2	8130037	ADAPTOR RESTRICTOR - 1.15 'S'
5	2	8130038	ADAPTOR RESTRICTOR - 1.4 'L'
6	1	8130103	ADAPTOR RESTRICTOR - 0.9 'T'
7	1	8581169	ADAPTOR
8	6	8650102	BONDED SEAL
9	4	8650103	BONDED SEAL



REF.	QTY.	PART No.	DESCRIPTION
		22524.17	**ADAPTOR KIT**
1	1	6000112	ADAPTOR
2	1	6000113	ADAPTOR
3	2	8003001	ADAPTOR PLUG
4	1	8123088	RESTRICTOR UNION - 1.4
5	1	8123090	RESTRICTOR UNION - 1.6
6	1	8130037	ADAPTOR RESTRICTOR - 1.15 'S'
7	1	8130038	ADAPTOR RESTRICTOR - 1.4 'L'
8	1	8130105	ADAPTOR RESTRICTOR - 1.6 'H'
9	1	8581169	ADAPTOR
10	6	8650102	BONDED SEAL
11	4	8650103	BONDED SEAL



REF.	QTY.	PART No.	DESCRIPTION
		22525.04	**SOLENOID MODULE**
1	1	8130456	CUT OFF SOLENOID VALVE
	1	8130175	COIL (18W)
2	3	8130629	DOUBLE SOLENOID VALVE
	2	8130175	COIL (18W)
3	16	9243062	CAPSCREW
4	1	41844.02	LOOM - 14 CORE PLUG IN
		8699224	**SOLENOID SEAL KIT**



REF.	QTY.	PART No.	DESCRIPTION
		22525.16	**CONTROL SOLENOID ASSEMBLY**
1	3	41784.48	DOUBLE PROP. SOLENOID VALVE
2	1	41844.02	LOOM - 14 CORE
3	1	8130456	CUT OFF SOLENOID VALVE
4	16	9243062	CAPSCREW

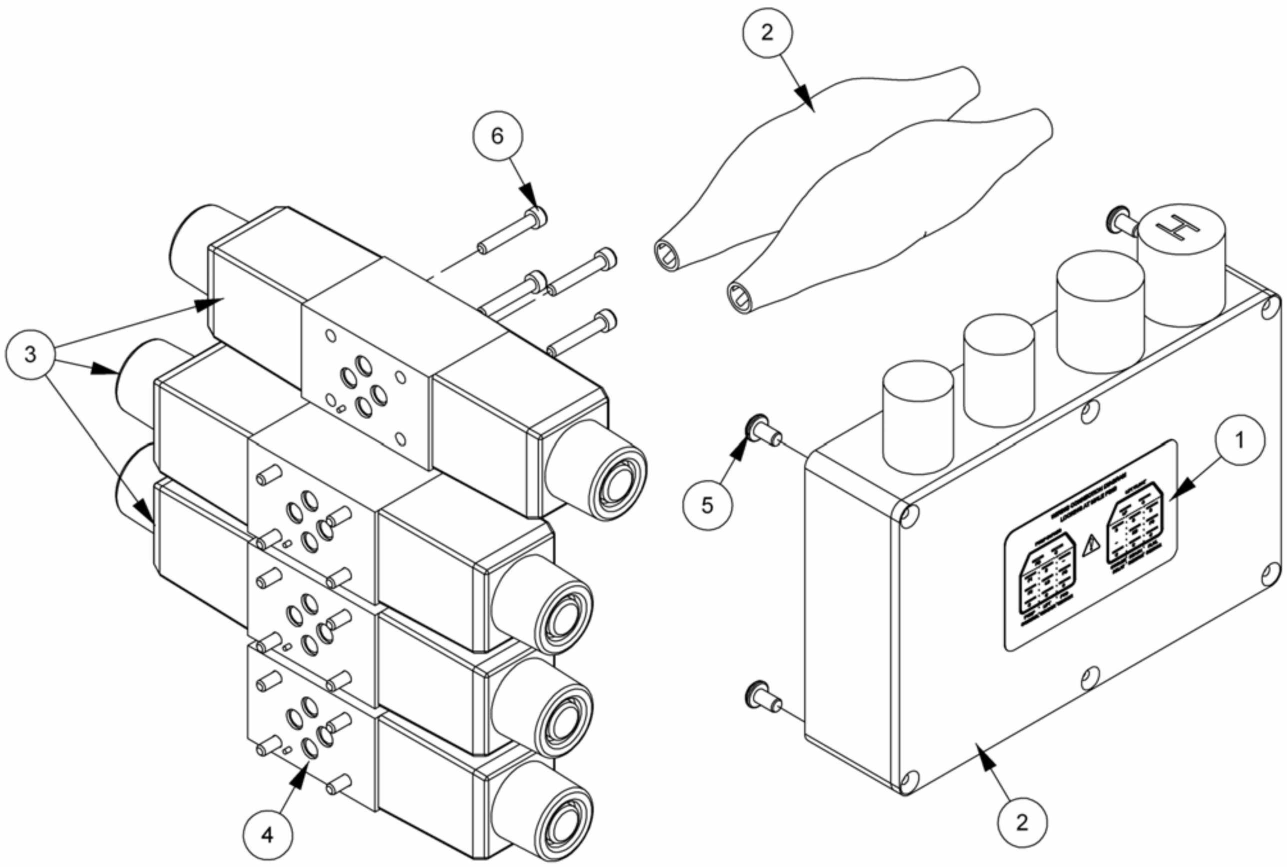
Service Parts for Solenoid Valves

41784.99 * Prop. Coil

8130175 18W Coil

8699224 Seal Kit

*** NOTE: Double Prop. Solenoid Valve 41784.48 contains 2x coils 41784.99**

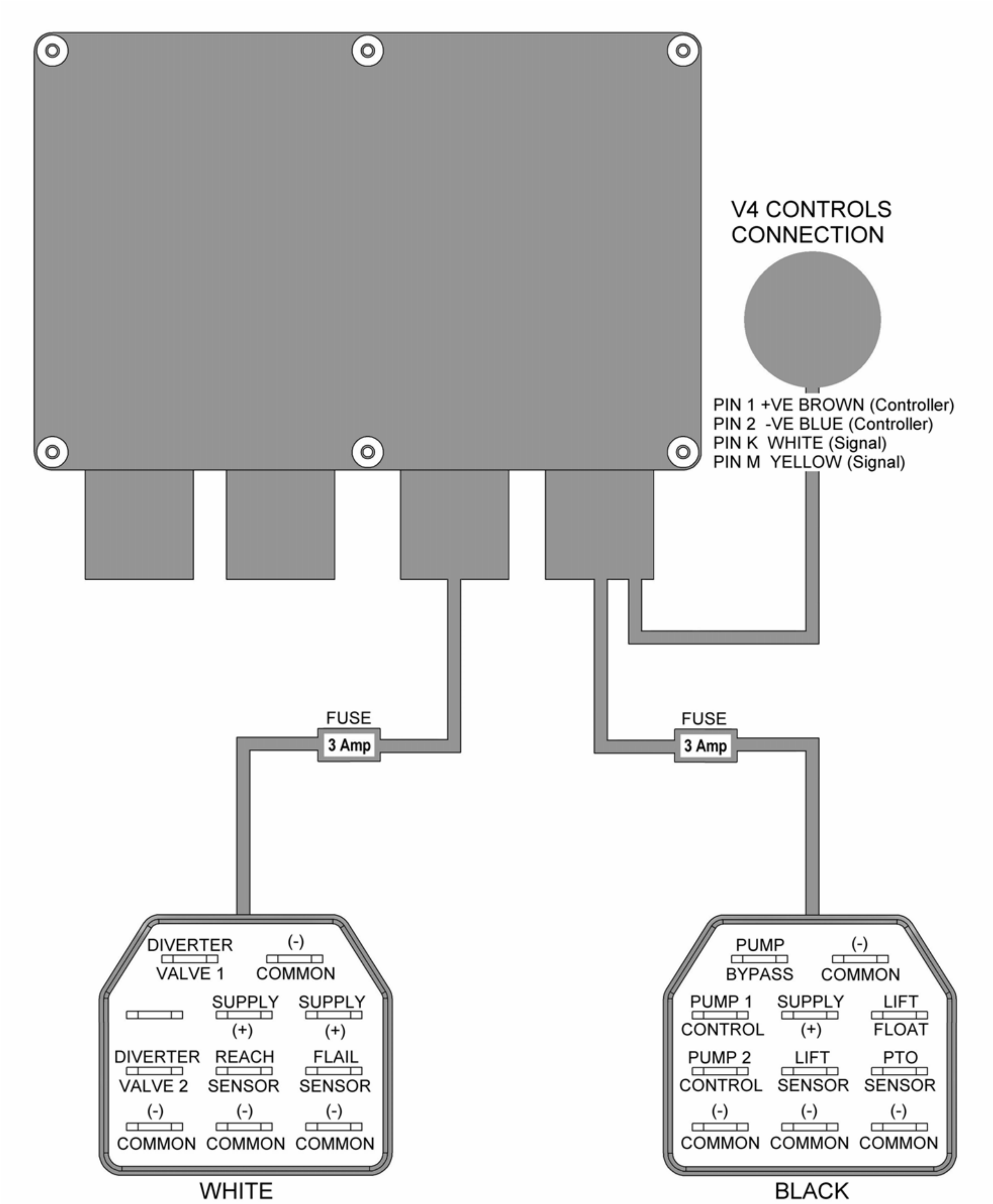


REF.	QTY.	PART No.	DESCRIPTION
		22525.17	**CONTROL SOLENOIDS KIT**
1	1	1290675	DECAL - ACB WIRING
2	1	21164.07	V4 ACB CONTROLLER (Mk2)
3	3	41784.48	DOUBLE SOLENOID PROP. VALVE
4	1	8130456	CUT OFF SOLENOID VALVE
5	4	9300164	SCREW
6	16	9243062	CAPSCREW

Service Parts for Solenoid Valves

41784.99	*****	**Prop. Coil**
8130175		**18W Coil**
8699224		**Seal Kit**

*** NOTE: Double Prop. Solenoid Valve 41784.48 contains 2x coils 41784.99**


V4 CONTROLS
CONNECTION
PIN 1 +VE BROWN (Controller)
PIN 2 -VE BLUE (Controller)
PIN K WHITE (Signal)
PIN M YELLOW (Signal)
FUSE
3 Amp
FUSE
3 Amp
DIVERTER VALVE 1
(-) COMMON
SUPPLY (+)
SUPPLY (+)
DIVERTER VALVE 2
REACH SENSOR
FLAIL SENSOR
(-) COMMON
(-) COMMON
(-) COMMON
WHITE
PUMP BYPASS
(-) COMMON
PUMP 1 CONTROL
SUPPLY (+)
LIFT FLOAT
PUMP 2 CONTROL
LIFT SENSOR
PTO SENSOR
(-) COMMON
(-) COMMON
(-) COMMON
BLACK

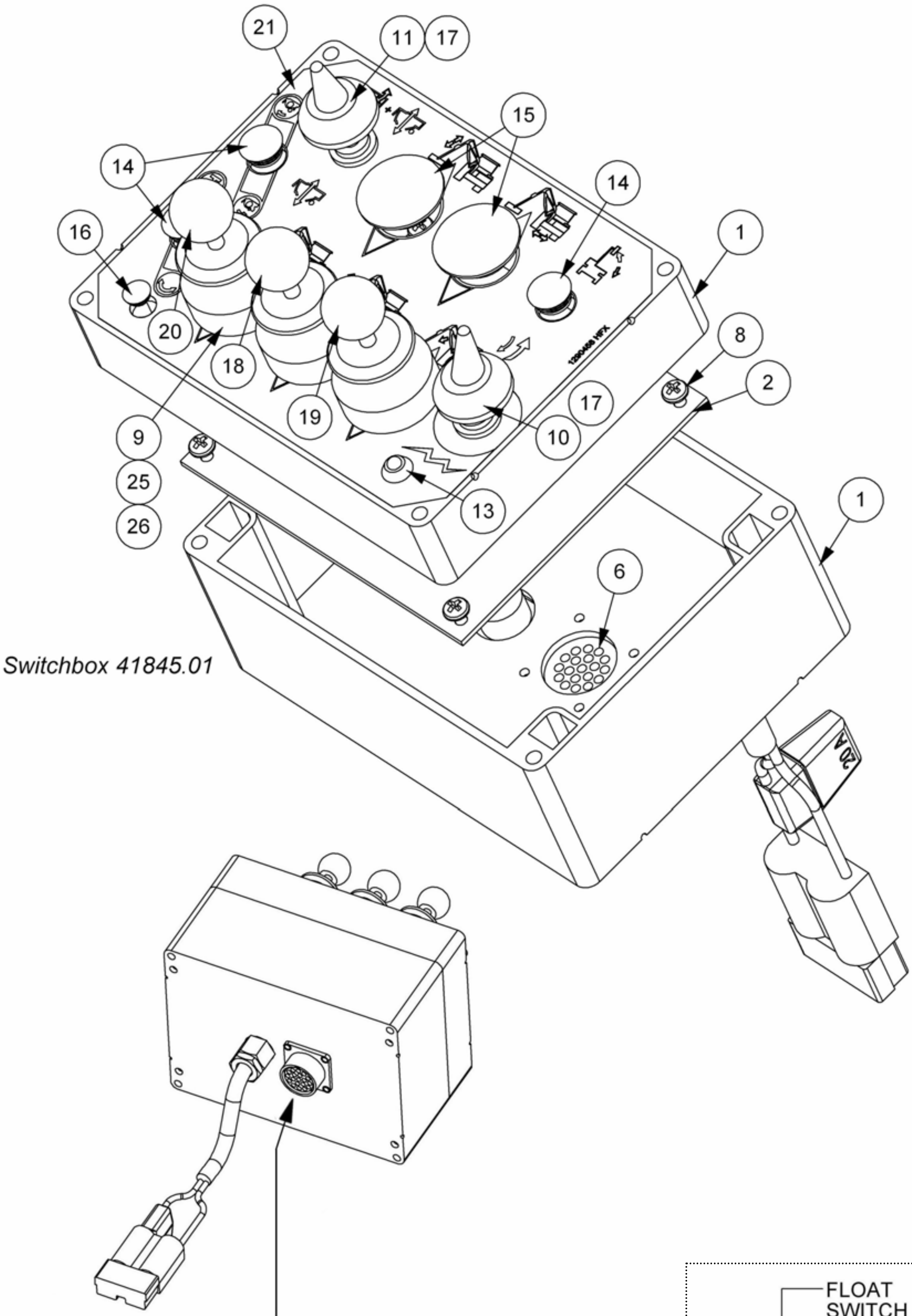
11 WAY CONNECTOR OUTPUTS BB

LEADS 600MM LG ONE BLACK INNER ONE WHITE		FOR USE ON	OPPERATIONAL BY:
LIFT FLOAT / EDS	BB	V4	LIFT FLOAT / EDS SWITCH OR SLEW THUMB WHEEL COMBINED WITH DEAD MANS
PUMP 1	BB	V4	CLOCKWISE RCV SWITCH ON KEYPAD
PUMP 2	BB	V4	ANTI CLOCK RCV SWITCH ON KEYPAD
PUMP BYPASS	BB	V4	ON WHEN EITHER P1 OR P2 IS ENERGISED.
DIVERT 1	BB	V4	HEAD BUTTON PRESSED ONCE
DIVERT 2	BB	V4	HEAD BUTTON PRESSED AND HELD ONCE RELEASED POWERS OFF
SPARE	BB	V4	SPARE UNPOPULATED
11 WAY CONNECTOR INPUT		**FOR USE ON**	**USED FOR:**
REACH SENSOR	-	V4	EDS
FLAIL SENSOR	-	V4	POWER MONITOR
PTO SENSOR	-	V4	POWER MONITOR
LIFT SENSOR	-	V4	EDS

TOTAL PROP = 5 PAIRS
TOTAL BB = 11

HIRSCHMANN CONNECTOR BB OR PROP

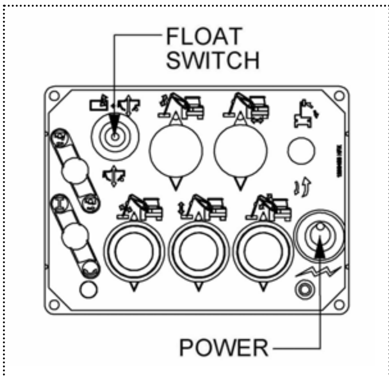
GRAY	TYPE AND LEAD LENGTH	BLACK	FOR USE ON	OPPERATIONAL BY:
REACH	PROP 600LG	REACH	V4	JOYSTICK LEFT AND RIGHT
ANGLE	PROP 550LG	ANGLE	V4	LEFT THUMB WHEEL
TELE/MID	PROP 500LG	TELE/MID	V4	RIGHT THUMB WHEEL AFTER SLEW TELE SWAP ACTIVE
LIFT	PROP 450LG	LIFT	V4	JOYSTICK FORWARD AND BACKWARDS
SLEW	PROP 400LG	SLEW	V4	RIGHTHAND THUMB WHEEL
ANGLE FLOAT	BB 350LG	ANGLE FLOAT	ECON	OPERATES FROM ANGLE FLOAT SWITCH AND ANGLE ROCKER COMBINDED WITH DEAD MANS
SPARE	PROP	SPARE	V4	SPARE UNPOPULATED
SPARE	PROP	SPARE	V4	SPARE UNPOPULATED
CUT OFF	BB 600LG		V4	COPERATES WHEN ANY VALVE SERVICE IS ACTIVATED
AUTO RESET	BB 500LG		V4	OPERATES FROM AUTO RESET ON KEYPAD
LIFT CHECK VALVE	BB 550LG		ECON	OPERATES WHEN LIFT SERVICE IS ACTIVATED
ANGLE FLOAT	BB 550LG		V4	OPERATES FROM ANGLE FLOAT SWITCH AND ANGLE ROCKER COMBINDED WITH DEAD MANS



A - COMMON
B - REACH IN
C - REACH OUT
D - LIFT UP
E - LIFT DOWN
F - COMMON
G - TELE IN
H - TELE OUT
J - ANGLE DOWN
K - ANGLE UP

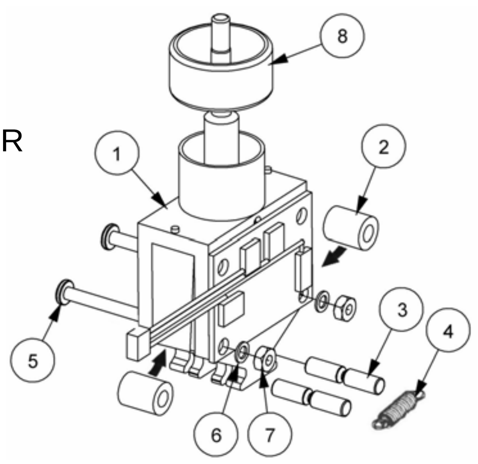


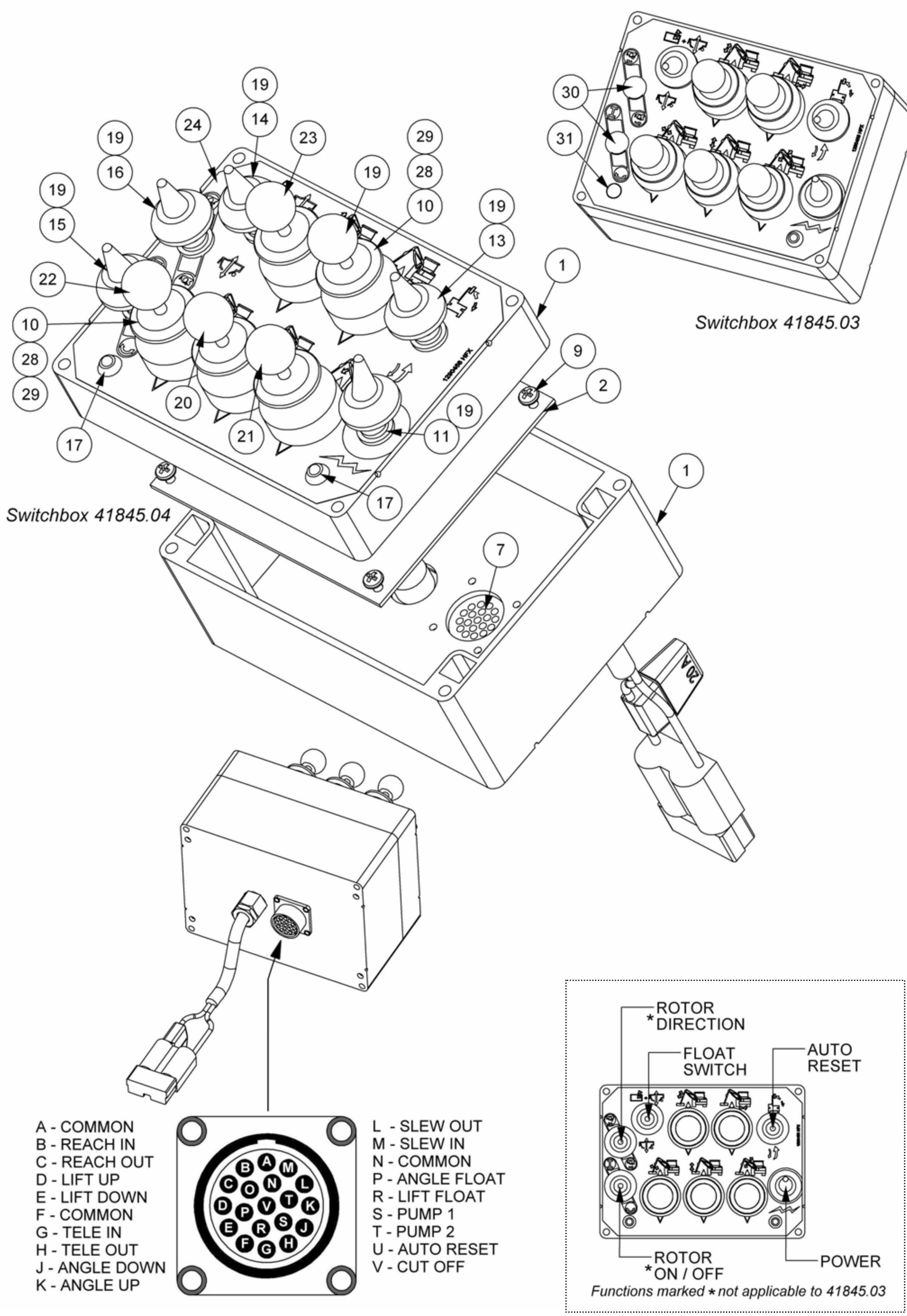
L - SLEW OUT
M - SLEW IN
N - COMMON
P - ANGLE FLOAT
R - LIFT FLOAT
S - PUMP 1
T - PUMP 2
U - AUTO RESET
V - CUT OFF



REF.	QTY.	PART No.	DESCRIPTION
		41845.01	**SWITCHBOX CONTROLS - 3 LEVER (C/RCV)**
1	1	41845.31	BOX & LID C/W SCREWS
2	1	41845.33	CIRCUIT BOARD
3	3	41845.34	LOOM (SWITCH UNIT)
4	1	41845.37	LOOM (FLOAT SWITCH)
5	1	8402232	POWER HARNESS
6	1	8402189	PANEL MOUNTING SHELL
7	14	8402192	SOCKET CONTACT
8	4	2800203	SCREW
9	3	8402133	SWITCH UNIT
10	1	8402023	SWITCH (POWER ON/OFF)
11	1	8402197	SWITCH (FLOAT SELECTION)
12	1	8402025	DIODE
13	1	41845.41	LED
14	3	41845.38	BLANKING PLUG
15	2	41845.39	BLANKING PLUG
16	1	41845.40	BLANKING PLUG
17	2	8402024	SWITCH COVER
18	1	8402027	KNOB - GREEN
19	1	8402028	KNOB - YELLOW
20	1	8402026	KNOB - RED
21	1	1290458	SWITCH BOX LABEL
22	4	8402299	POWER CONTACT
23	2	8402230	RED HOUSING
24	1	43034.02	20 AMP BLADE FUSE
25	3	8402286	RUBBER BOOT (INTERNAL PROTECTOR)
26	3	8402022	LEVER GAITER

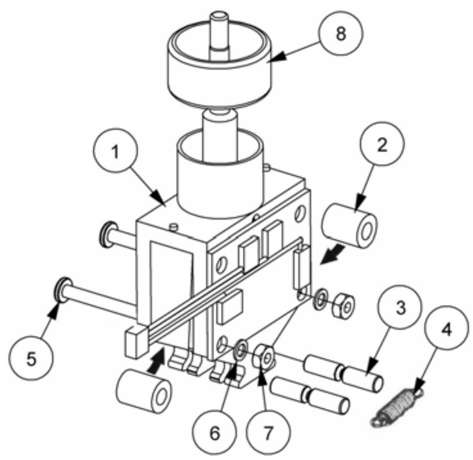
REF.	QTY.	PART No.	DESCRIPTION
1		**8402133**	**SWITCH BODY / LEVER / CIRCUITBOARD** *c/w:*
2		8402334	SPACER
3		8402111	BAR
4		8402101	SPRING
5		9200006	SCREW
6		8402280	PLAIN WASHER
7		9113000	NUT
8		8402051	BEZEL RING




Switchbox 41845.03
Switchbox 41845.04
A - COMMON
B - REACH IN
C - REACH OUT
D - LIFT UP
E - LIFT DOWN
F - COMMON
G - TELE IN
H - TELE OUT
J - ANGLE DOWN
K - ANGLE UP
L - SLEW OUT
M - SLEW IN
N - COMMON
P - ANGLE FLOAT
R - LIFT FLOAT
S - PUMP 1
T - PUMP 2
U - AUTO RESET
V - CUT OFF
ROTOR
* DIRECTION
FLOAT
SWITCH
AUTO
RESET
ROTOR
* ON / OFF
POWER
Functions marked * not applicable to 41845.03

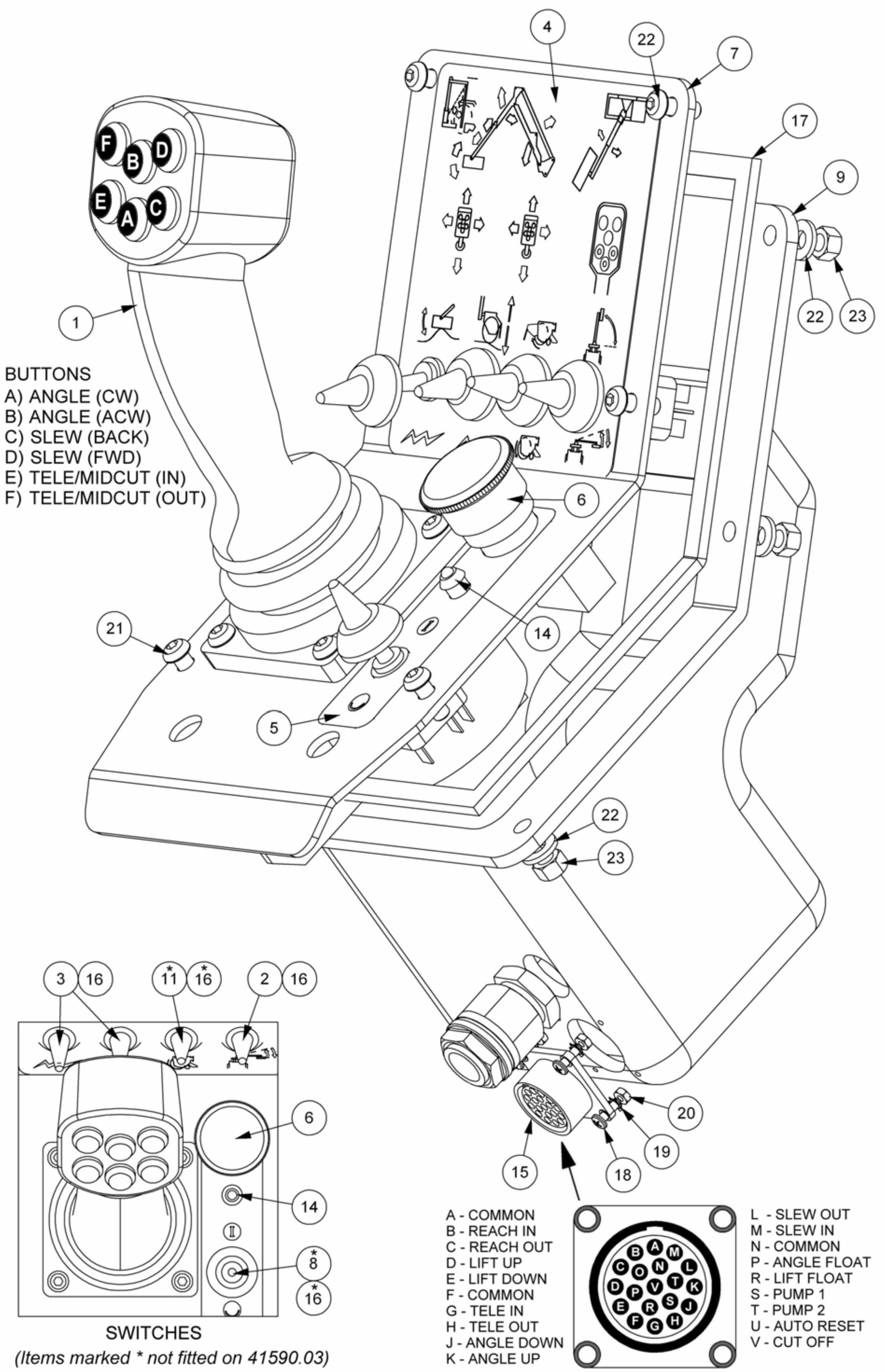
REF.	QTY.	PART No.	DESCRIPTION
		41845.03	**SWITCHBOX CONTROLS - 5 LEVER (C/RCV)**
		41845.04	**SWITCHBOX CONTROLS - 5 LEVER (E/RCV)**
1	1	41845.31	BOX & LID C/W SCREWS
2	1	41845.33	CIRCUIT BOARD
3	5	41845.34	LOOM (SWITCH UNIT)
4	1	41845.36	LOOM (PUMP CONTROL) - *41845.04 only*
5	1	41845.37	LOOM (FLOAT SWITCH)
6	1	8402232	POWER HARNESS
7	1	8402189	PANEL MOUNTING SHELL
8	19	8402192	SOCKET CONTACT
9	4	2800203	SCREW
10	5	8402133	SWITCH UNIT
11	1	8402023	SWITCH (POWER ON/OFF)
12	1	8402182	SWITCH (AUTO RESET)
13	1	8402197	SWITCH (FLOAT SELECTION)
14	1	8402173	SWITCH (ROTOR ON/OFF) - *41845.04 only*
15	1	8402185	SWITCH (ROTOR DIRECTION) - *41845.04 only*
16	1	8402025	DIODE
17	2	41845.41	LED - *Qty 1 on 41845.03*
18	5	8402024	SWITCH COVER
19	1	8402056	KNOB - BLACK
20	1	8402027	KNOB - GREEN
21	1	8402028	KNOB - YELLOW
22	1	8402026	KNOB - RED
23	1	8402198	KNOB - BLUE
24	1	1290458	DECAL - SWITCHBOX (5 LEVER)
25	4	8402299	POWER CONTACT
26	2	8402230	RED CONTACTS HOUSING
27	1	43034.02	20 AMP BLADE FUSE
28	5	8402286	RUBBER BOOT (INTERNAL PROTECTOR)
29	5	8402022	LEVER GAITER
30	2	41845.38	BLANKING PLUG - *41845.03 only*
31	1	41845.40	BLANKING PLUG - *41845.03 only*

REF.	QTY.	PART No.	DESCRIPTION
1		**8402133**	**SWITCH BODY / LEVER / CIRCUITBOARD** *c/w:*
2		8402334	SPACER
3		8402111	BAR
4		8402101	SPRING
5		9200006	SCREW
6		8402280	PLAIN WASHER
7		9113000	NUT
8		8402051	BEZEL RING



MONOLEVER CONTROLS (5 FUNCTION)

Module(s): 41590.03 (Cable RCV), 41590.05 (Electric RCV)



SWITCHES

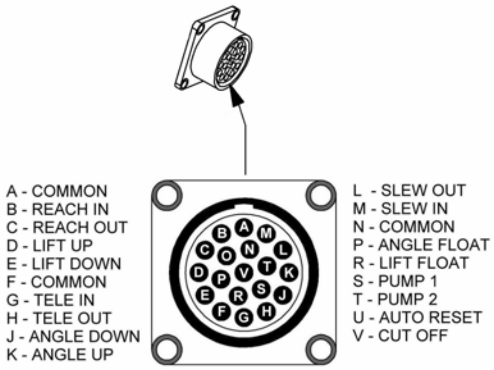
*(Items marked * not fitted on 41590.03)*

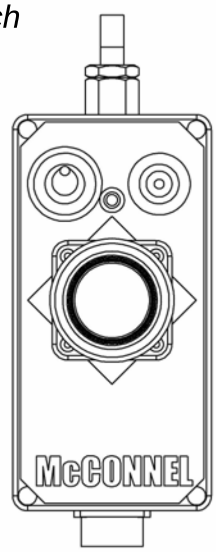
REF.	QTY.	PART No.	DESCRIPTION
		41590.03	**JOYSTICK CONTROLS - 5 FUNCTION (C/RCV)**
		41590.05	**JOYSTICK CONTROLS - 5 FUNCTION (E/RCV)**
1	1	41590.33	JOYSTICK (B/B) - 6 BUTTON
		8402203	CONTROL BUTTON *(Replacement)*
2	1	8402182	SWITCH (AUTO RESET)
3	2	8402023	TOGGLE SWITCH (FLOAT SELECTION)
4	1	1290451	CONTROL STICKER
5	1	1290080	POWER STICKER
6	1	8402184	POWER / EMERGENCY STOP BUTTON
7	1	7550339	TOP PLATE
8	1	8402173	SWITCH (ROTOR ON/OFF) - *n/a on 41590.03*
9	1	7550300	COVER POD
10	4	8402299	POWER CONTACT
11	1	8402185	SWITCH (ROTOR DIRECTION) - *n/a on 41590.03*
12	2	8402230	RED HOUSING
13	1	43034.02	20 AMP BLADE FUSE
14	1	41845.41	LED
15	1	8402189	PANEL MOUNTING SHELL
16	5	8402024	SWITCH WEATHER COVER *(Qty 3 on 41590.03)*
17	1	7290052	SEALING STRIP *(Cut to suit)*
18	4	9200007	SCREW
19	4	9100400	SHAKEPROOF WASHER
20	4	9113000	NUT
21	6	9300125	BUTTON HEAD CAPSCREW
22	6	9100103	FLAT WASHER
23	6	9143003	SELF-LOCKING NUT

MINI PROPORTIONAL XTC CONTROLS

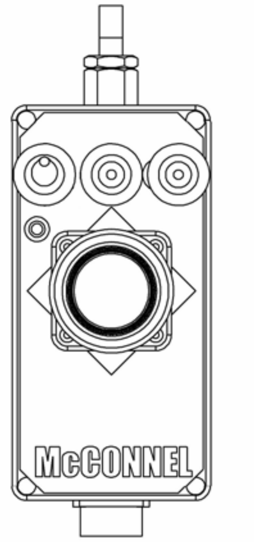
Module(s): 8402390, 8402391, 8402392, 8402393 *(illustrated)*

8402390 – *3 Service B/B 2 Switch*
8402391 – *3 Service Proportional B/B 2 Switch*
8402392 – *3 Service Proportional B/B 3 Switch*
8402393 – *3 Service Proportional 3 Switch*

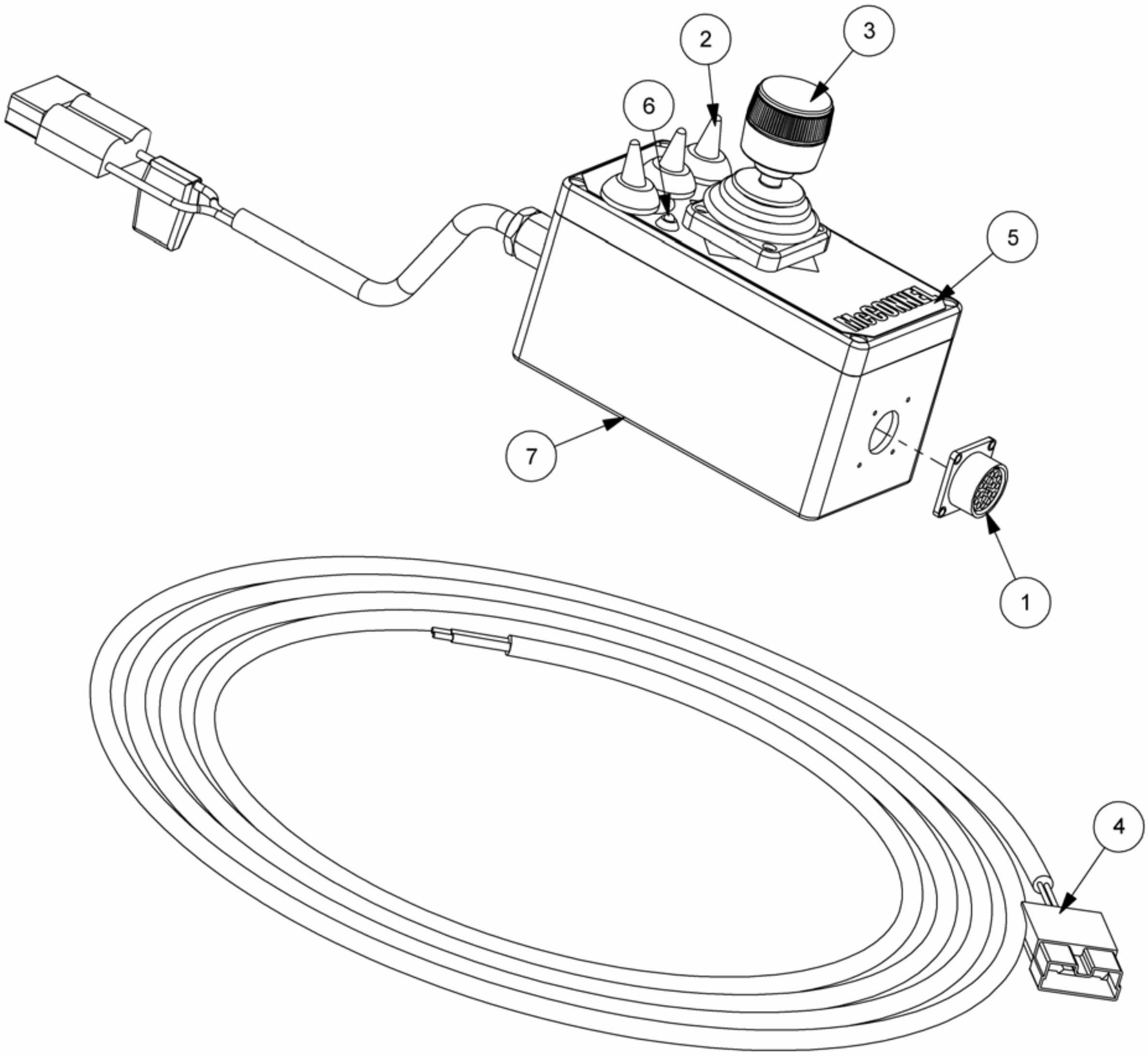




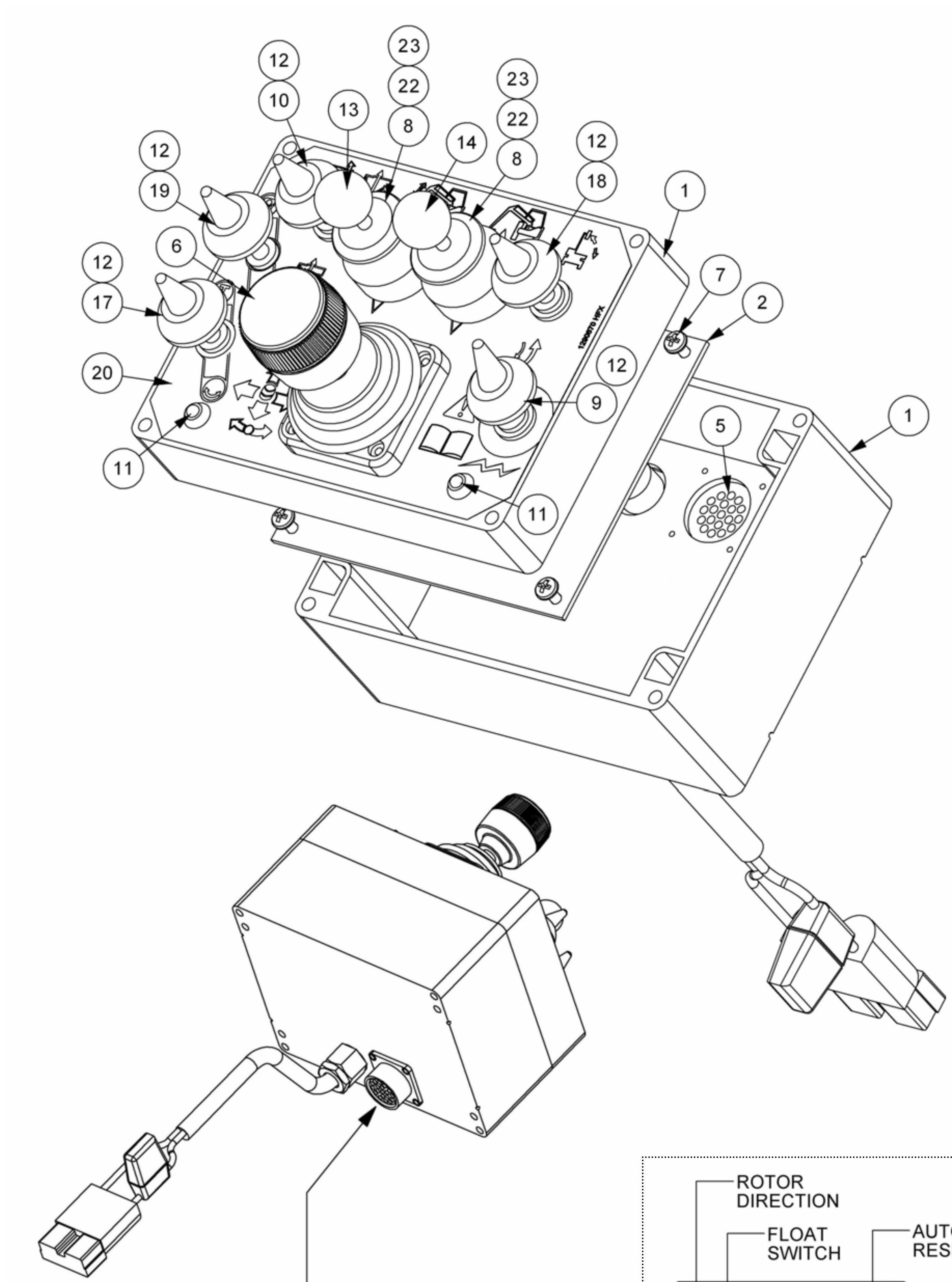
8402390 & 8402391



8402392 & 8402393



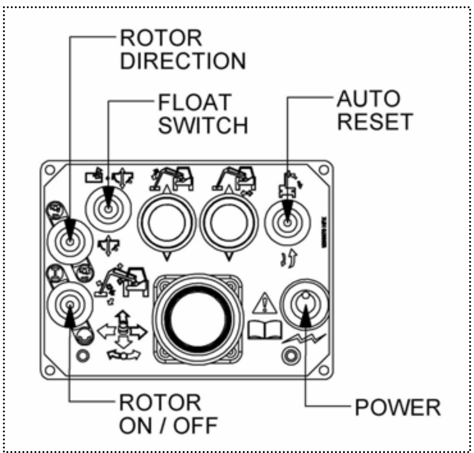
REF.	QTY.	PART No.	DESCRIPTION
		8402390	**3 SERVICE CONTROL BOX - B/B (2 Switch)**
		8402391	**3 SERVICE CONTROL BOX - Prop. B/B (2 Switch)**
		8402392	**3 SERVICE CONTROL BOX - Prop. B/B (3 Switch)**
		8402393	**3 SERVICE CONTROL BOX - Full Prop. (3 Switch)**
1	1	8402189	PANEL MOUNTING SHELL
2	3	8402024	SWITCH COVER *(Qty 2 used on 8402390 & 391)*
3	1	8402246	JOYSTICK (3 AXIS)
4	1	8402237	POWER SUPPLY LOOM
5	1	1290494	DECAL - SWITCH BOX
6	1	41845.41	LED
7	1	8402349	CONTROL BOX
8	1	43034.02	BLADE FUSE (20A)
			BRACKET & FIXINGS *(not illustrated)*
	1	42442.01	SWITCHBOX BRACKET
	4	2800243	SELF-TAPPER SCREW





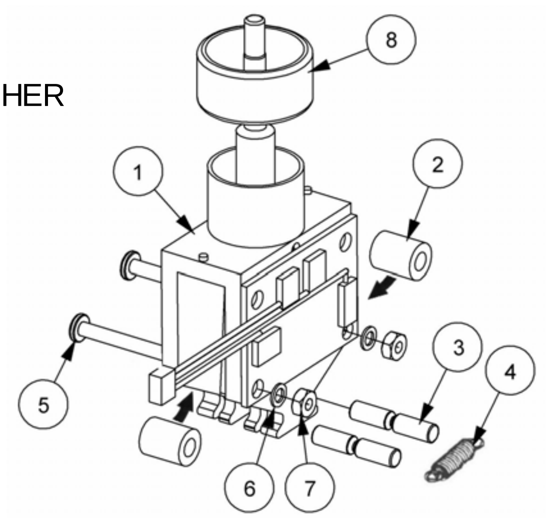
A - COMMON
B - REACH IN
C - REACH OUT
D - LIFT UP
E - LIFT DOWN
F - COMMON
G - TELE IN
H - TELE OUT
J - ANGLE DOWN
K - ANGLE UP

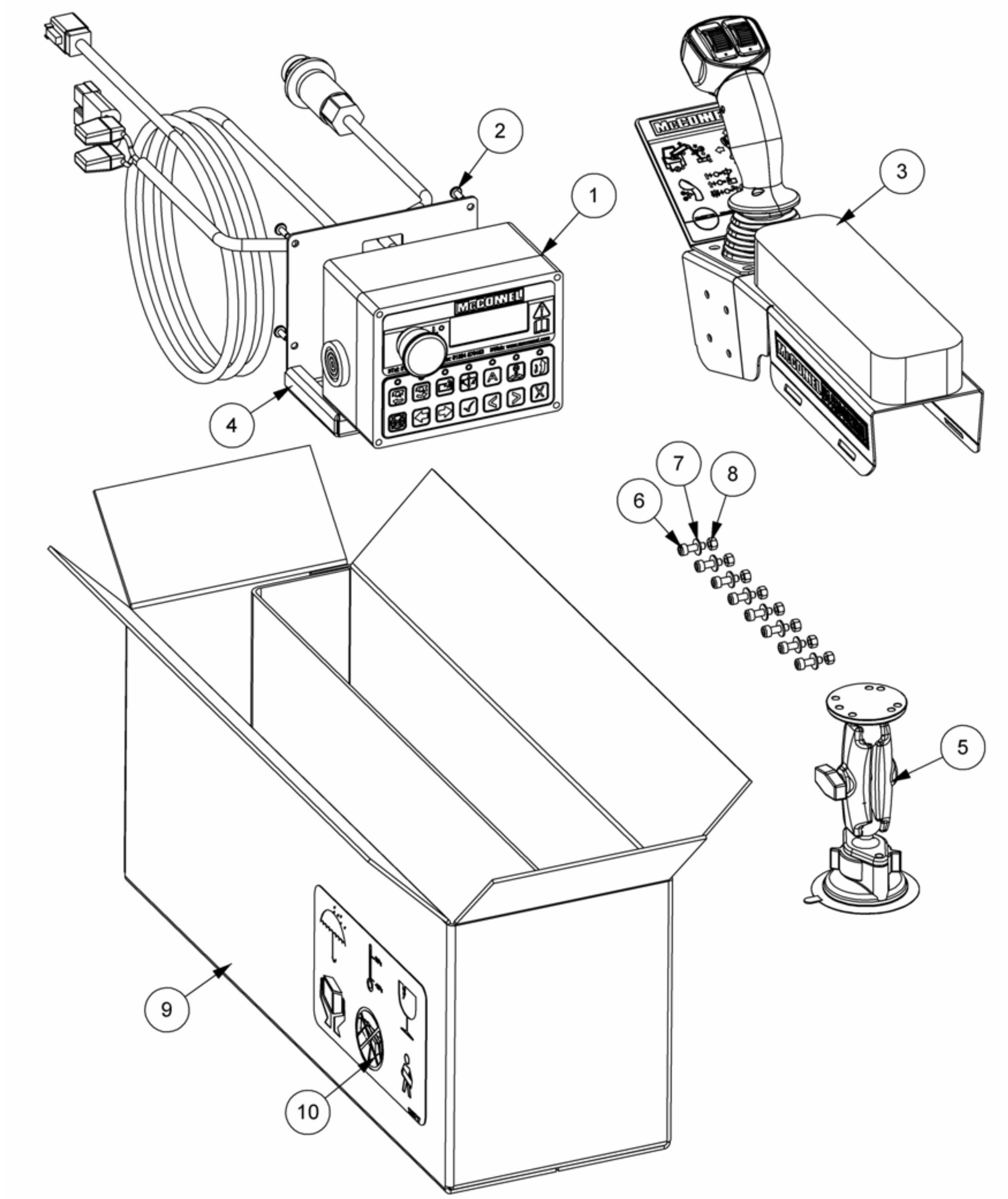
L - SLEW OUT
M - SLEW IN
N - COMMON
P - ANGLE FLOAT
R - LIFT FLOAT
S - PUMP 1
T - PUMP 2
U - AUTO RESET
V - CUT OFF



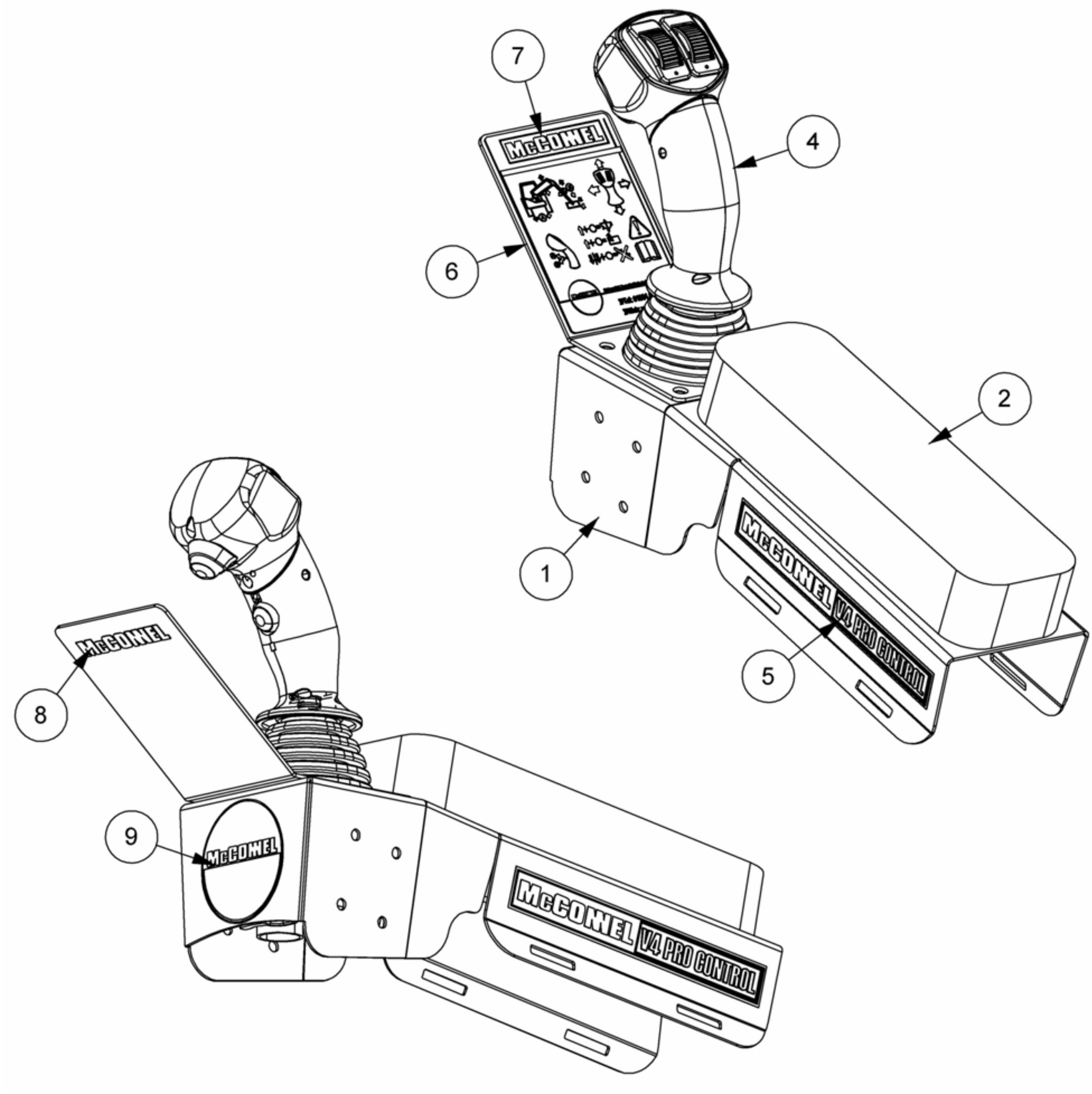
REF.	QTY.	PART No.	DESCRIPTION
		8402395	**XTC PROP. SWITCHBOX CONTROLS**
1	1	41845.30	XTC ENCLOSURE
2	1	41845.47	CIRCUIT BOARD
3	2	41845.34	LOOM (SWITCH UNIT)
4	1	41845.37	LOOM (FLOAT SWITCH)
5	1	8402189	PANEL MOUNTING SHELL
6	1	8402246	JOYSTICK (3 AXIS)
7	4	2800203	SCREW
8	2	8402133	SWITCH UNIT
9	1	8402023	SWITCH (POWER ON/OFF)
10	1	8402197	SWITCH (FLOAT SELECTION)
11	2	41845.41	LED
12	5	8402024	SWITCH WEATHER COVER
13	1	8402198	KNOB - BLUE
14	1	8402056	KNOB - BLACK
15	1	8402237	LOOM POWER SUPPLY
16	19	8402192	SOCKET CONTACT
17	1	8402173	SWITCH (ROTOR ON/OFF)
18	1	8402182	SWITCH (AUTO RESET)
19	1	8402185	SWITCH (ROTOR DIRECTION)
20	1	1290670	DECAL - PROP SWITCHBOX
21	1	41845.36	LOOM (PUMP CONTROL)
22	2	8402022	LEVER GAITER
23	2	8402286	RUBBER BOOT (INTERNAL PROTECTOR)

REF.	QTY.	PART No.	DESCRIPTION
1		**8402133**	**SWITCH BODY / LEVER / CIRCUITBOARD** *c/w:*
2		8402334	SPACER
3		8402111	BAR
4		8402101	SPRING
5		9200006	SCREW
6		8402280	PLAIN WASHER
7		9113000	NUT
8		8402051	BEZEL RING

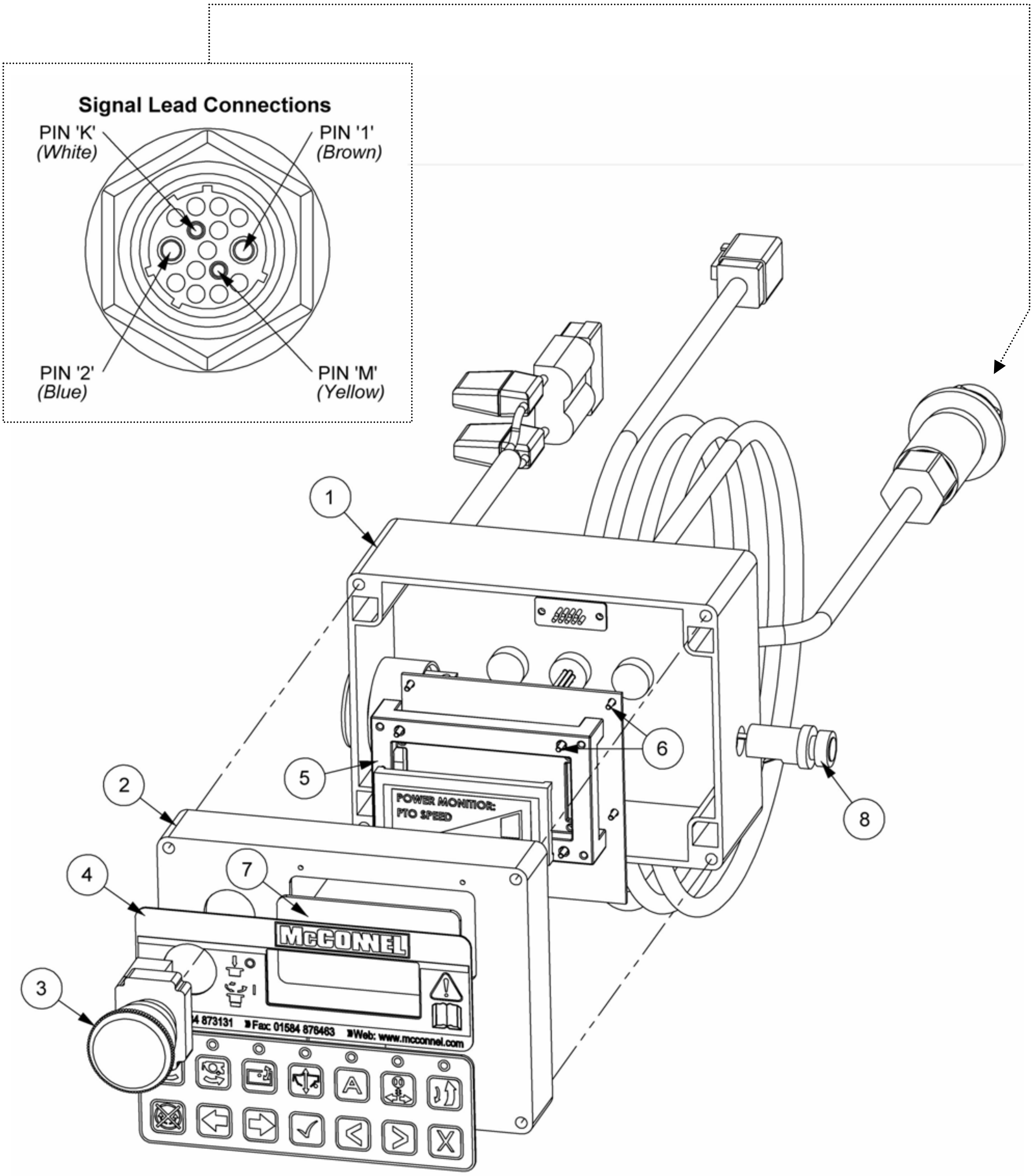




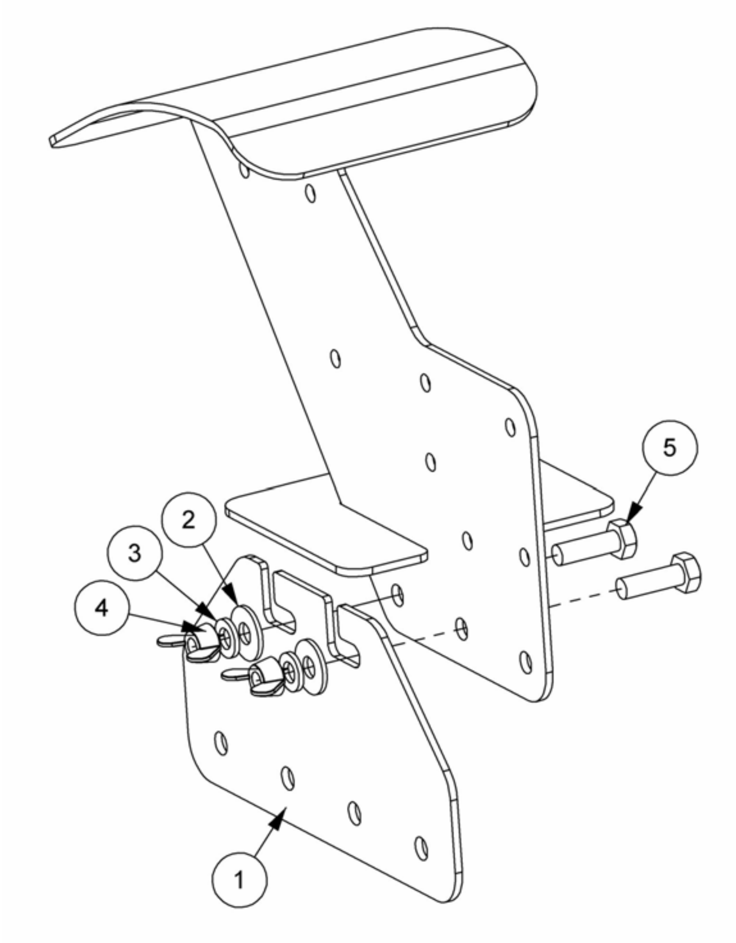
REF.	QTY.	PART No.	DESCRIPTION
		22073.01	**V4 CONTROLS WITH JC6000**
1	1	22073.14	V4 CONTROL BOX (MK2)
2	4	2800243	SELF TAPPING SCREW
3	1	22073.03	V4 JOYSTICK ARMREST ASSEMBLY
4	1	22073.58	SCREEN MOUNT
5	1	22073.09	V4 SCREEN MOUNT KIT
6	8	9343032	CAPSCREW
7	8	9100102	FLAT WASHER
8	8	9143002	SELF-LOCKING NUT
9	1	8402700	WATER PROOF CARDBOARD BOX
10	1	1290717	BOX DECAL



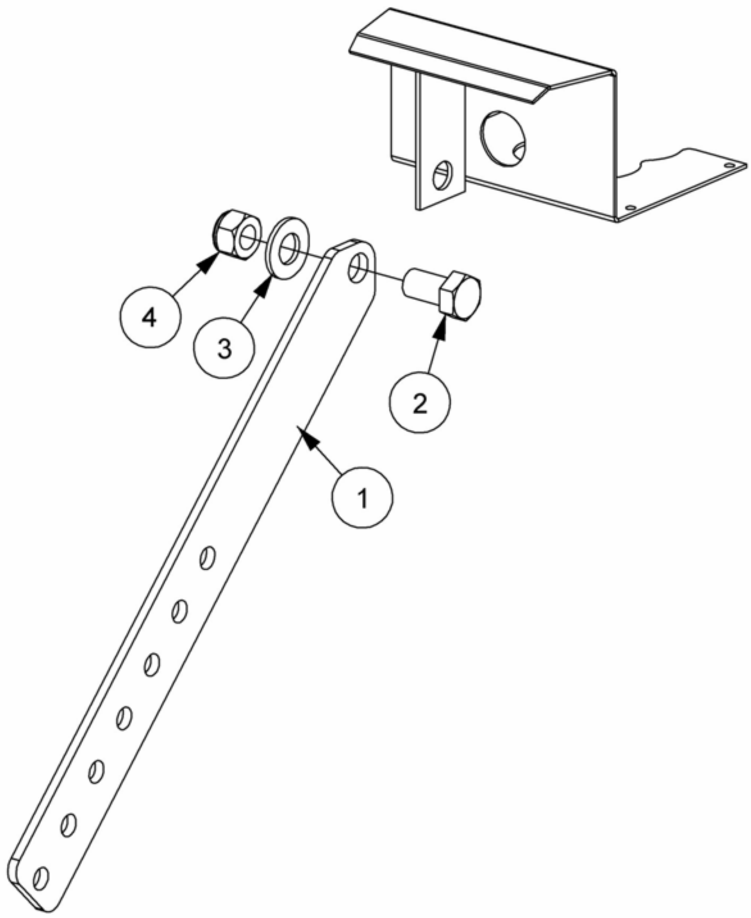
REF.	QTY.	PART No.	DESCRIPTION
		22073.03	**V4 JOYSTICK ARMREST ASSEMBLY**
1	1	22073.44	JOYSTICK ARMREST MOUNT
2	1	22073.45	ARM REST FOAM
3	2	7106187	NYLON STRAP *(Not Illustrated)*
4	1	22073.16	JOYSTICK c/w THUMB SWITCHES
5	2	1290740	DECAL - V4 PRO CONTROL
6	1	22073.59	DECAL MOUNT
7	1	1290739	DECAL - V4 OPERATIONS
8	1	1290741	DECAL - McCONNEL
9	1	1290742	DECAL - McCONNEL ROUNDEL


Signal Lead Connections
PIN 'K'
(White)
PIN '1'
(Brown)
PIN '2'
(Blue)
PIN 'M'
(Yellow)
1
2
3
4
5
6
7
8
POWER MONITOR:
PTO SPEED
McCONNEL
4 873131
Fax: 01584 876463
Web: www.mcconnel.com

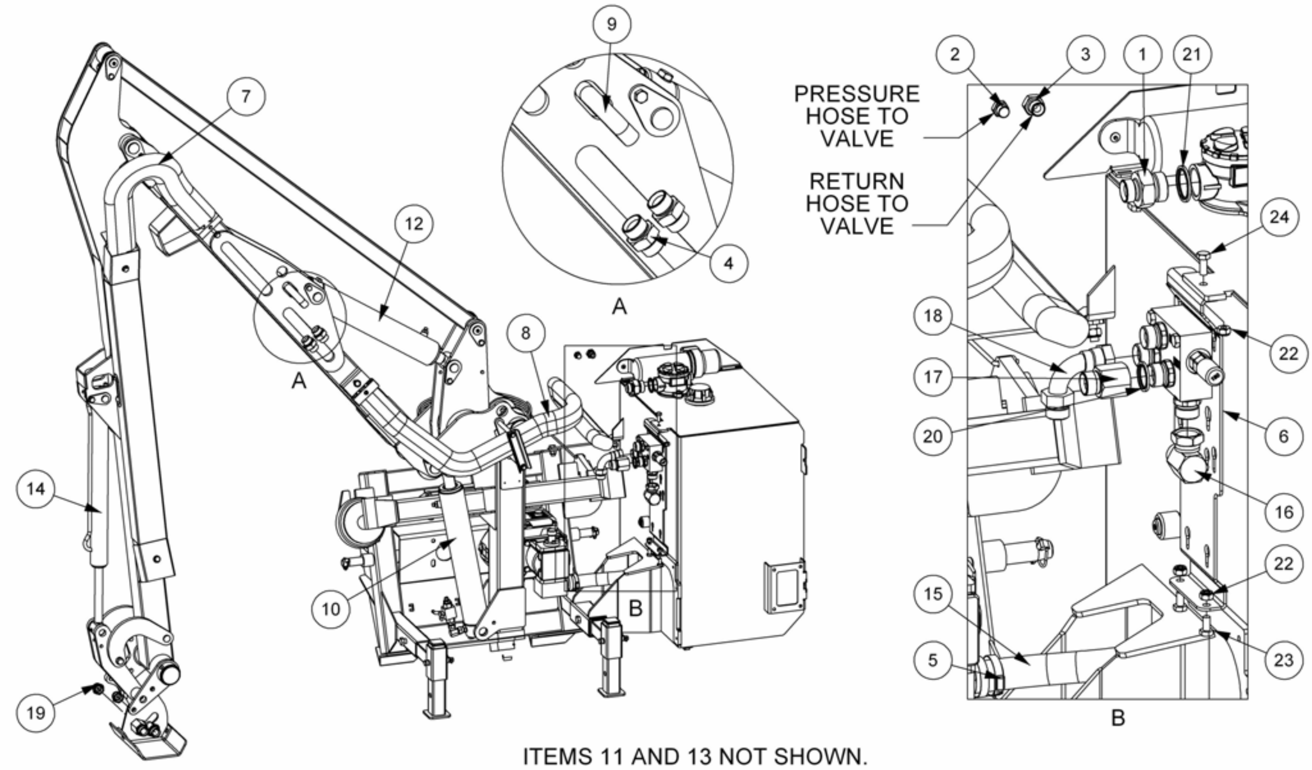
REF.	QTY.	PART No.	DESCRIPTION
		22073.14	**V4 CONTROL BOX ASSEMBLY (Mk2)**
1	1	22073.62	V4 CONTROL BOX
2	1	22073.32	BOX LID
3	1	41786.33	SWITCH / EMERGENCY STOP
4	1	22073.35	V4 DECAL
5	1	22073.39	V4 SCREEN MOUNT
6	8	22073.42	SELF-TAPPING SCREW
7	1	22073.40	SCREEN COVER
8	1	22073.41	FUSE HOLDER - BAYONET CAP (10A)



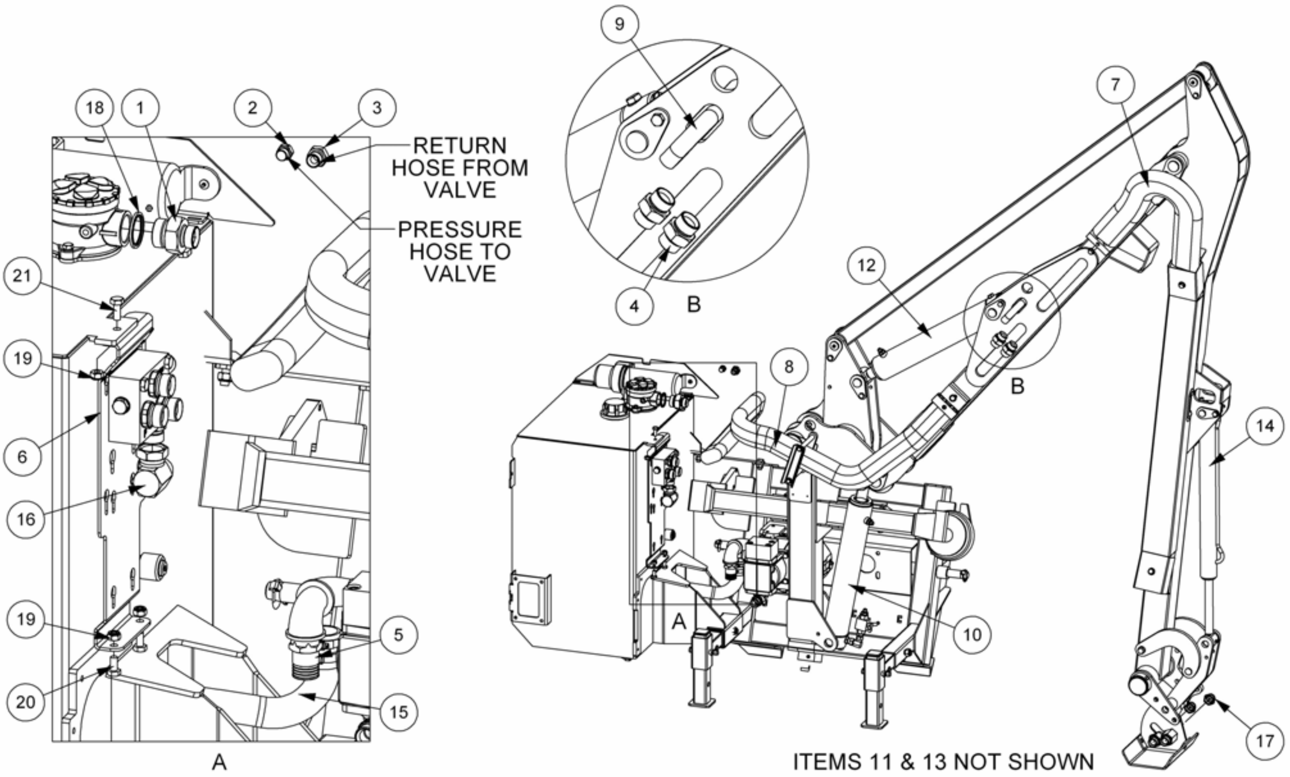
REF.	QTY.	PART No.	DESCRIPTION
		7313282	**CABLE CONTROL MOUNTING KIT**
1	1	42491.01	CAB MOUNTING BRACKET
2	2	9100104	FLAT WASHER
3	2	9100204	SPRING WASHER
4	2	9193004	WING NUT
5	2	9313054	SETSCREW



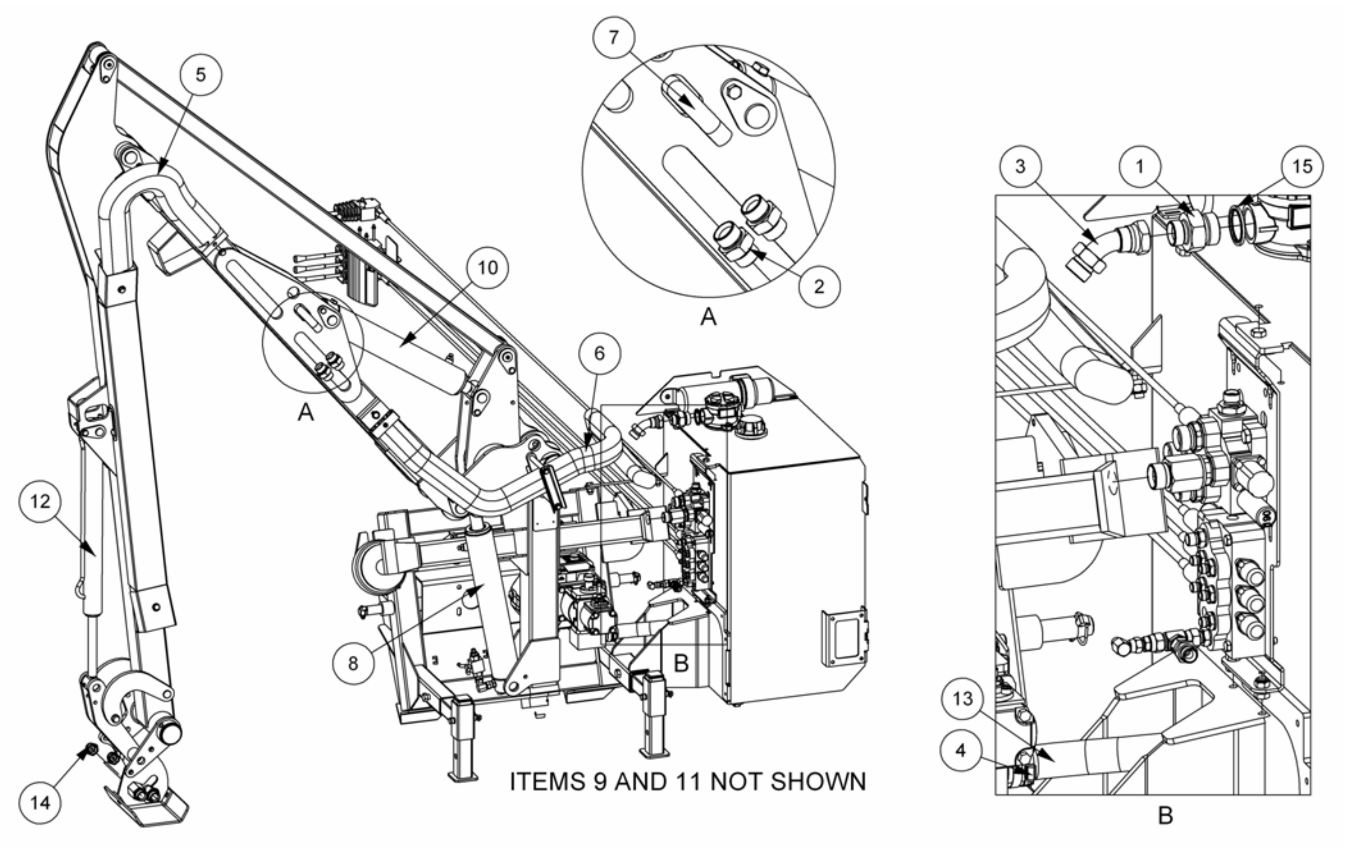
REF.	QTY.	PART No.	DESCRIPTION
		7109319	**ELECTRIC SWITCHBOX MOUNTING KIT**
1	1	7109146	CONTROL MOUNTING PILLAR
2	1	9313067	SETSCREW
3	1	0100106	FLAT WASHER
4	1	9163007	NYLOC NUT



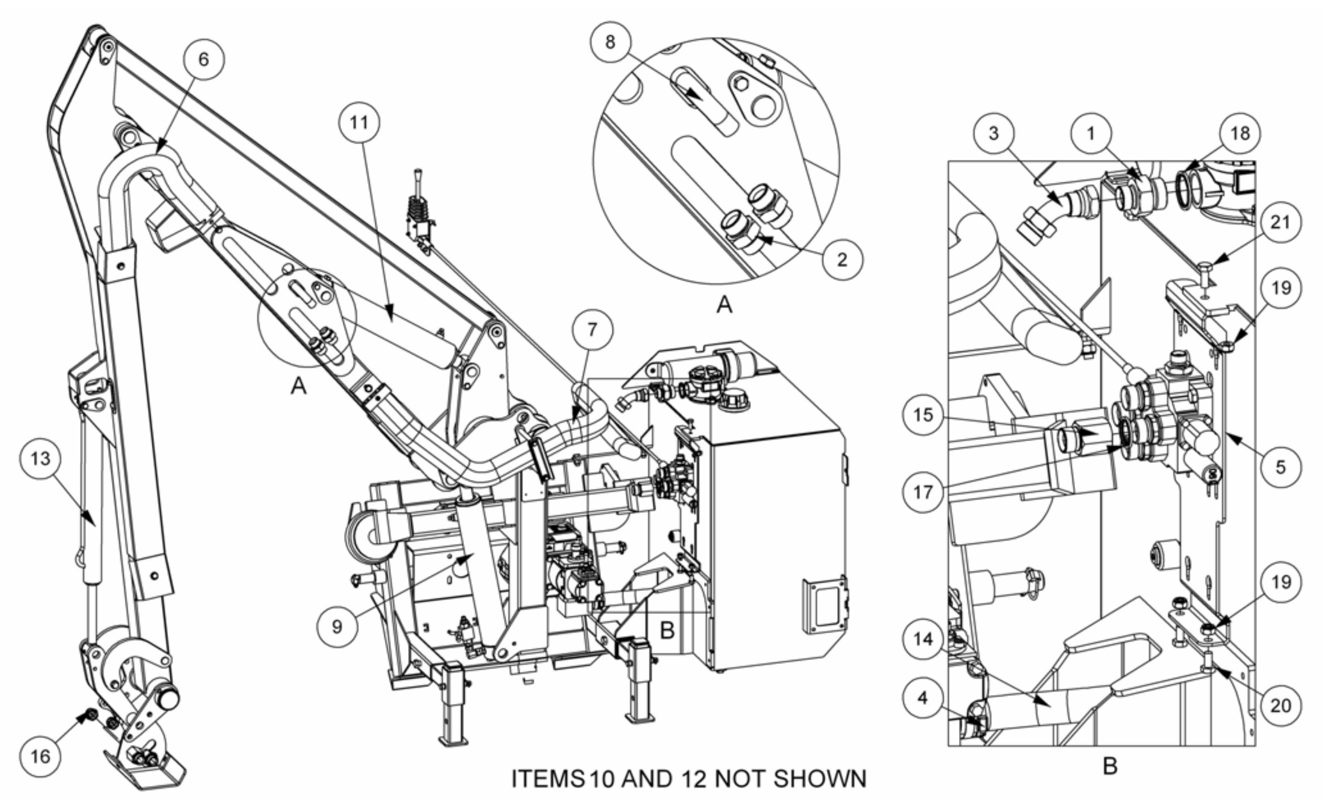
REF.	QTY.	PART NO.	DESCRIPTION
		7148777	**HYD. INST'N - Cable SI (RRV) L/H Standard Arm**
		7148779	**HYD. INST'N - Cable SI (RRV) L/H Fixed Midcut**
1	1	05.131.01	ADAPTOR
2	1	05.433.01	BLANKING PLUG
3	1	05.433.06	PLUG
4	2	05.434.01	ADAPTOR
5	4	0904107	HOSE CLIP
6	1	22506.02	VALVE MOUNTING
7	1	22590.17	HOSE SLEEVING - 850mm *(Standard Models)*
	1	22590.21	HOSE SLEEVING - 1100mm *(Fixed Midcut Models)*
8	1	22590.26	HOSE SLEEVING - 1600mm
9	1	22591.03	HOSE SLEEVING - 150mm
10	1	22601.03	LIFT RAM ASSEMBLY c/w TAP
11	3	7135084	CABLE TIE - 180mm
12	1	7193334	REACH RAM ASSEMBLY
13	4	7196045	HOSE TIE - 350mm
14	1	7560344	ANGLING RAM ASSEMBLY
15	1	8501472	SUCTION HOSE - 1½" BORE x 275mm
16	1	8581212	BLOCK ELBOW - 90°
17	1	8581241	EXTENSION ADAPTOR
18	1	8581264	SWEPT ADAPTOR - 90°
19	2	8582058	BLANKING CAP
20	1	8650108	BONDED SEAL
21	1	8650109	BONDED SEAL
22	3	9163005	NYLOC NUT
23	2	9313045	SETSCREW
24	1	9313055	SETSCREW



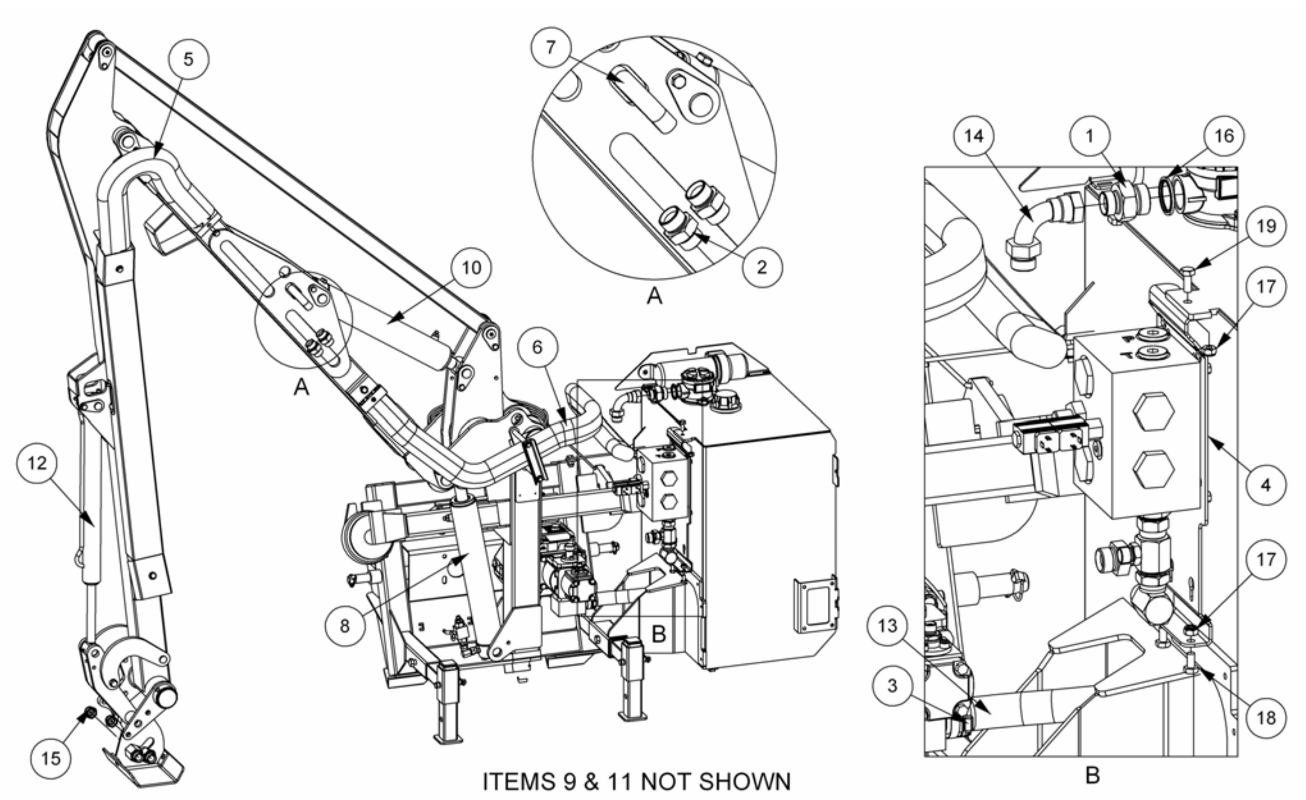
REF.	QTY.	PART NO.	DESCRIPTION
		7148783	**HYD. INST'N - Cable SI (RRV) R/H Standard Arm**
		7148786	**HYD. INST'N - Cable SI (RRV) R/H Fixed Midcut**
1	1	05.131.01	ADAPTOR
2	1	05.433.01	BLANKING PLUG
3	1	05.433.06	PLUG
4	2	05.434.01	ADAPTOR
5	4	0904107	HOSE CLIP
6	1	22506.02	VALVE MOUNTING
7	1	22590.17	HOSE SLEEVING - 850mm *(Standard Models)*
	1	22590.21	HOSE SLEEVING - 1100mm *(Fixed Midcut Models)*
8	1	22590.26	HOSE SLEEVING - 1600mm
9	1	22591.03	HOSE SLEEVING - 150mm
10	1	22601.03	LIFT RAM ASSEMBLY c/w TAP
11	3	7135084	CABLE TIE - 180mm
12	1	7193334	REACH RAM ASSEMBLY
13	4	7196045	HOSE TIE - 350mm
14	1	7560344	ANGLING RAM ASSEMBLY
15	1	8501471	SUCTION HOSE - 1½" BORE x 337mm
16	1	8581212	BLOCK ELBOW - 90°
17	2	8582058	BLANKING CAP
18	1	8650109	BONDED SEAL
19	3	9163005	NYLOC NUT
20	2	9313045	SETSCREW
21	1	9313055	SETSCREW



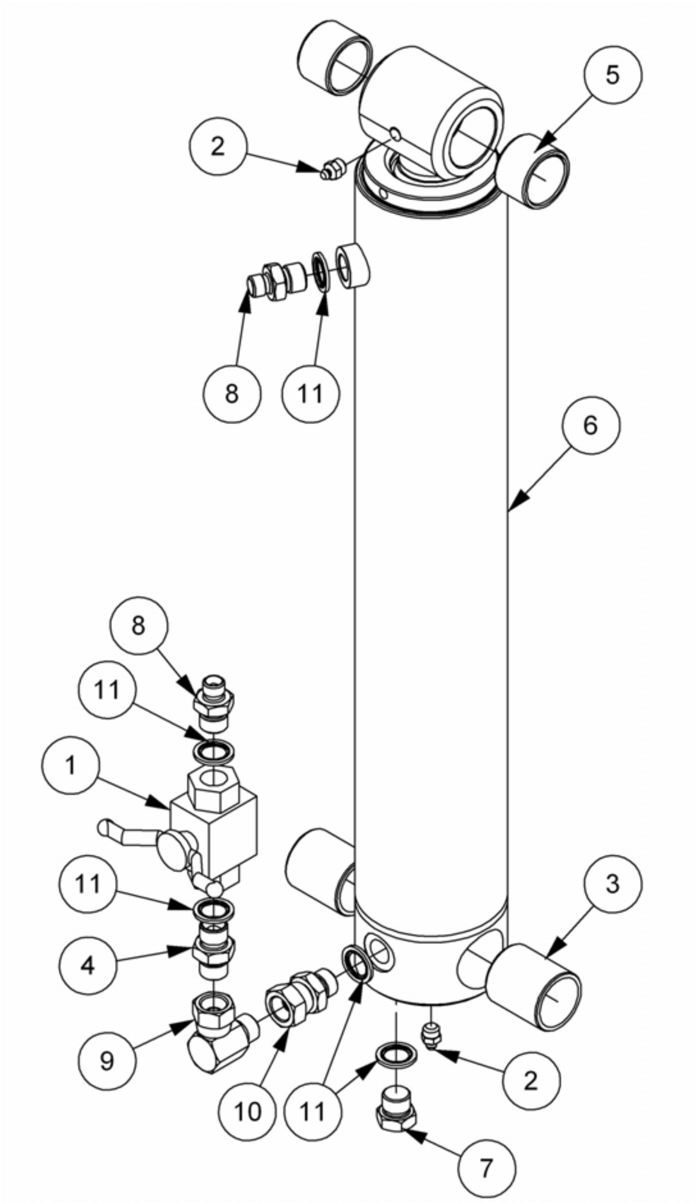
REF.	QTY.	PART NO.	DESCRIPTION
		7148774	**HYD. INST'N - Cable (Cable RCV) TI L/H Standard Arm**
		7148780	**HYD. INST'N - Cable (Cable RCV) TI L/H Midcut Arm**
		7148784	**HYD. INST'N - Cable (Cable RCV) TI R/H Standard Arm**
		7148787	**HYD. INST'N - Cable (Cable RCV) TI R/H Midcut Arm**
1	1	05.131.01	ADAPTOR
2	2	05.434.01	ADAPTOR
3	1	08.940.02	ADAPTOR - 135°
4	4	0904107	HOSE CLIP
5	1	22590.17	HOSE SLEEVING - 850mm *(Standard Models)*
	1	22590.21	HOSE SLEEVING - 1100mm *(Fixed Midcut Models)*
6	1	22590.26	HOSE SLEEVING - 1600mm
7	1	22591.03	HOSE SLEEVING - 150mm
8	1	22601.03	LIFT RAM ASSEMBLY c/w TAP
9	3	7135084	CABLE TIE - 180mm
10	1	7193334	REACH RAM ASSEMBLY
11	4	7196045	HOSE TIE - 350mm
12	1	7560344	ANGLING RAM ASSEMBLY
13	1	8501472	SUCTION HOSE - 1½" BORE x 275mm *(L/H Builds)*
	1	8501471	SUCTION HOSE - 1½" BORE x 337mm *(R/H Builds)*
14	2	8582058	BLANKING CAP
15	1	8650109	BONDED SEAL



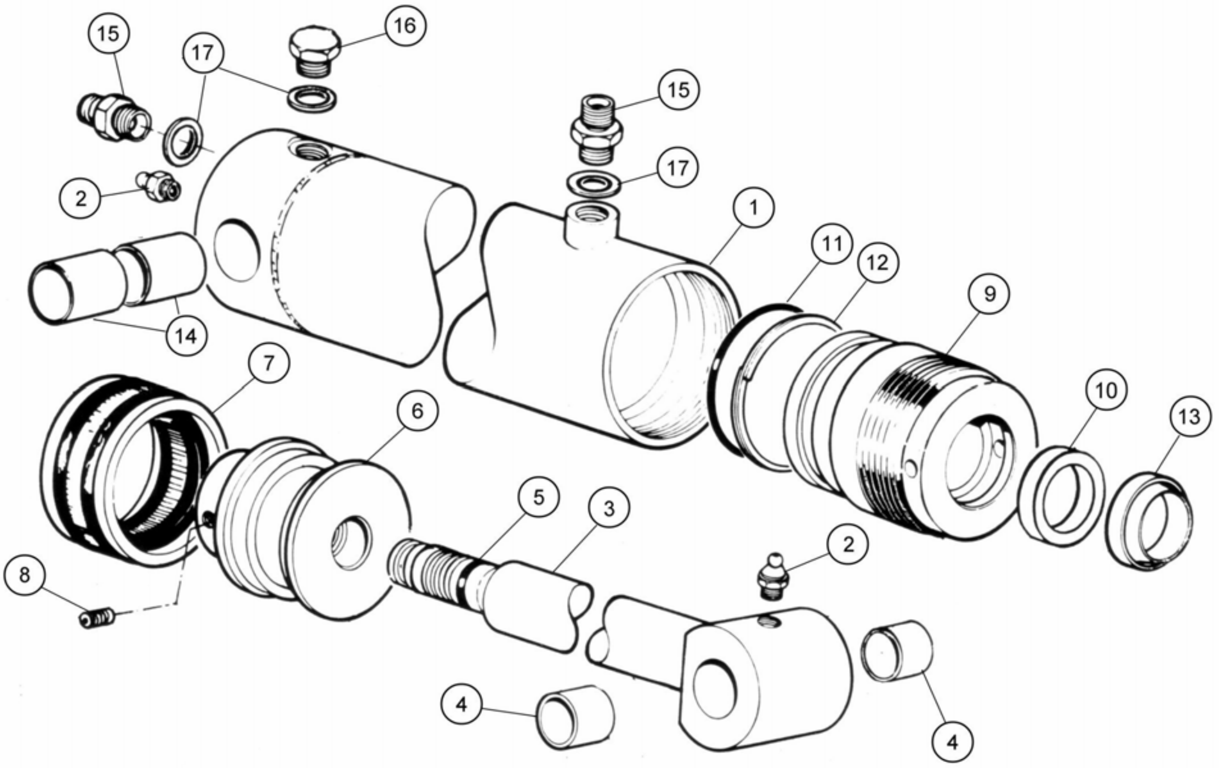
REF.	QTY.	PART NO.	DESCRIPTION
		7148794	**HYD. INST'N - Elec. (Cable RCV) TI L/H Standard Arm**
		7148795	**HYD. INST'N - Elec. (Cable RCV) TI R/H Standard Arm**
		7148796	**HYD. INST'N - Elec. (Cable RCV) TI L/H Midcut Arm**
		7148797	**HYD. INST'N - Elec. (Cable RCV) TI R/H Midcut Arm**
1	1	05.131.01	ADAPTOR
2	2	05.434.01	ADAPTOR
3	1	08.940.02	ADAPTOR - 135°
4	4	0904107	HOSE CLIP
5	1	22506.02	VALVE MOUNTING
6	1	22590.17	HOSE SLEEVING - 850mm *(Standard Models)*
	1	22590.21	HOSE SLEEVING - 1100mm *(Fixed Midcut Models)*
7	1	22590.26	HOSE SLEEVING - 1600mm
8	1	22591.03	HOSE SLEEVING - 150mm
9	1	22601.03	LIFT RAM ASSEMBLY c/w TAP
10	3	7135084	CABLE TIE - 180mm
11	1	7193334	REACH RAM ASSEMBLY
12	4	7196045	HOSE TIE - 350mm
13	1	7560344	ANGLING RAM ASSEMBLY
14	1	8501472	SUCTION HOSE - 1½" BORE x 275mm *(L/H Builds)*
	1	8501471	SUCTION HOSE - 1½" BORE x 337mm *(R/H Builds)*
15	1	8581241	EXTENSION ADAPTOR
16	2	8582058	BLANKING CAP
17	1	8650108	BONDED SEAL
18	1	8650109	BONDED SEAL
19	3	9163005	NYLOC NUT
20	2	9313045	SETSCREW
21	1	9313055	SETSCREW



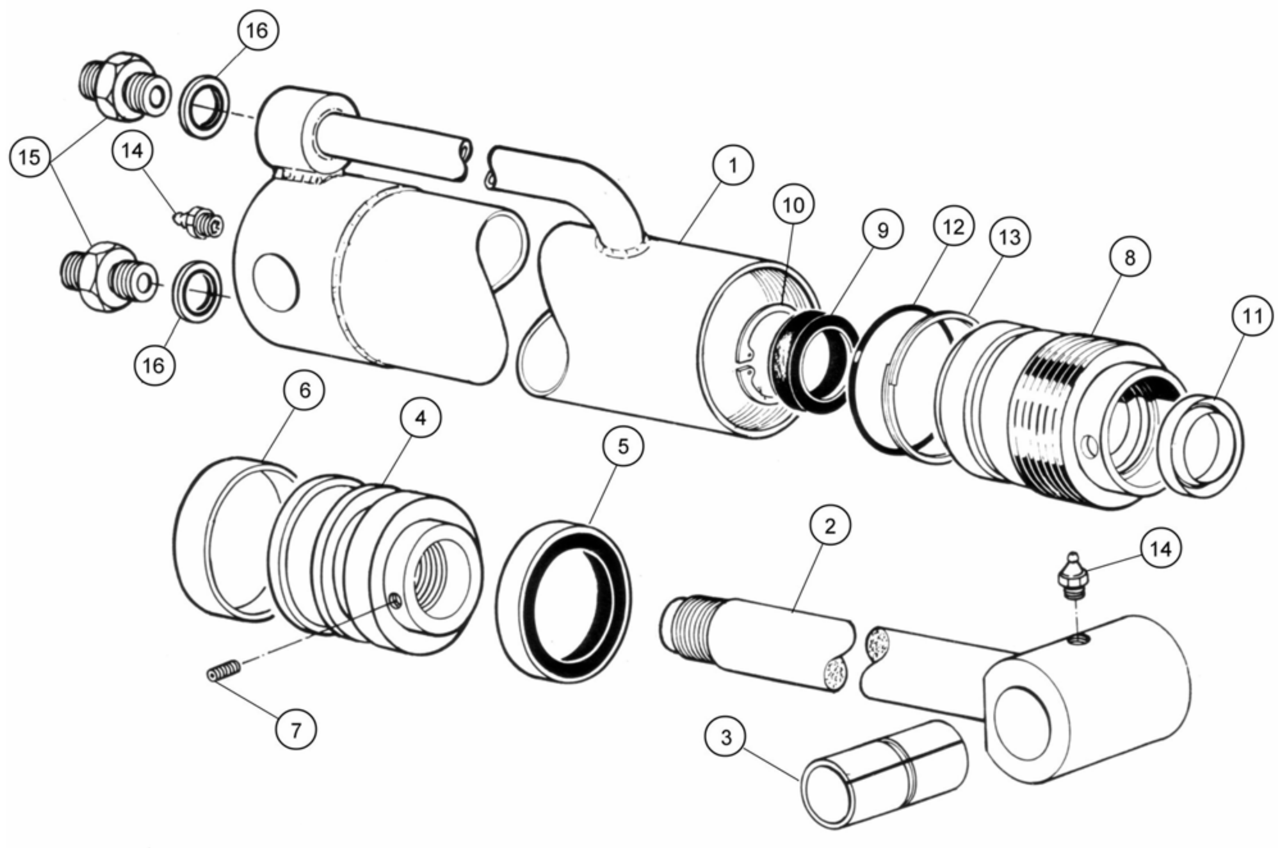
REF.	QTY.	PART NO.	DESCRIPTION
		7148778	**HYD. INST'N - Elec. (Elec. RCV) TI L/H Standard Arm**
		7148781	**HYD. INST'N - Elec. (Elec. RCV) TI L/H Midcut Arm**
		7148785	**HYD. INST'N - Elec. (Elec. RCV) TI R/H Standard Arm**
		7148788	**HYD. INST'N - Elec. (Elec. RCV) TI R/H Midcut Arm**
1	1	05.131.01	ADAPTOR
2	2	05.434.01	ADAPTOR
3	4	0904107	HOSE CLIP
4	1	22506.02	VALVE MOUNTING
5	1	22590.17	HOSE SLEEVING - 850mm *(Standard Models)*
		22590.21	HOSE SLEEVING - 1100mm *(Fixed Midcut Models)*
6	1	22590.26	HOSE SLEEVING - 1600mm
7	1	22591.03	HOSE SLEEVING - 150mm
8	1	22601.03	LIFT RAM ASSEMBLY c/w TAP
9	3	7135084	CABLE TIE - 180mm
10	1	7193334	REACH RAM ASSEMBLY
11	4	7196045	HOSE TIE - 350mm
12	1	7560344	ANGLING RAM ASSEMBLY
13	1	8501472	SUCTION HOSE - 1½" BORE x 275mm *(L/H Builds)*
		8501471	SUCTION HOSE - 1½" BORE x 337mm *(R/H Builds)*
14	1	8581264	SWEPT ADAPTOR - 90°
15	2	8582058	BLANKING CAP
16	1	8650109	BONDED SEAL
17	3	9163005	NYLOC NUT
18	2	9313045	SETSCREW
19	1	9313055	SETSCREW



REF.	QTY.	PART NO.	DESCRIPTION
		22601.03	**LIFT RAM ASSEMBLY**
1	1	08.200.01	ISOLATING VALVE
2	2	0901121	GREASE NIPPLE
3	2	21149.02	PLASTIC BUSH
4	1	6000113	ADAPTOR
5	2	6012032	PLASTIC BUSH
6	1	7193332	RAM ASSEMBLY
7	1	8003001	ADAPTOR PLUG
8	2	8581115	ADAPTOR
9	1	8581117	ADAPTOR ELBOW
10	1	8581178	SWIVEL ADAPTOR
11	5	8650103	BONDED SEAL
		8699187	**SEAL KIT**

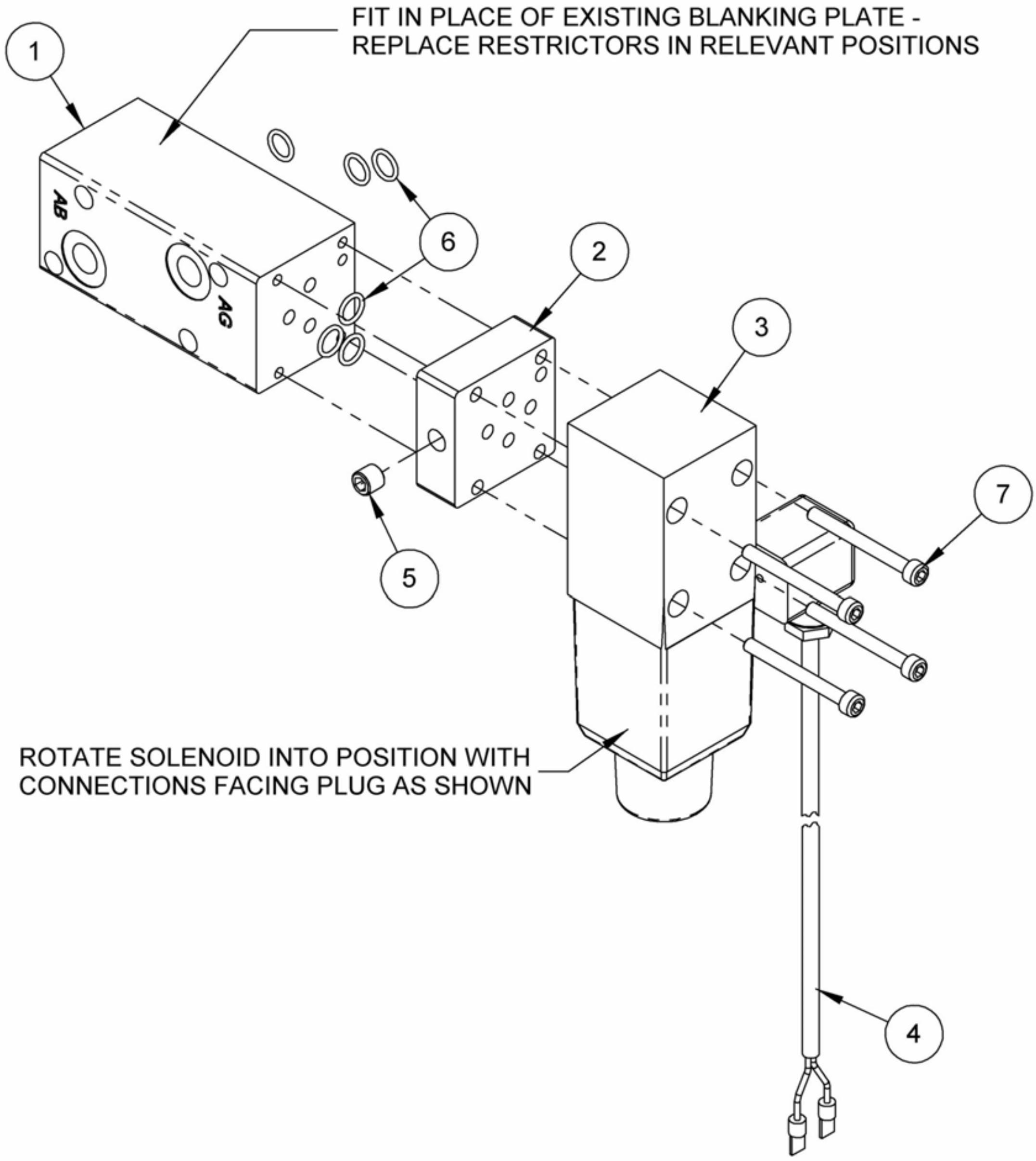


REF.	QTY.	PART No.	DESCRIPTION
		7193334	**REACH RAM ASSEMBLY**
		7193332	RAM ASSEMBLY - *comprising:*
1	1	7135283	RAM CYLINDER
2	2	0901121	GREASER
3	1	7193029	PISTON ROD
4	2	6012032	BUSH
5	1	8600119	O RING
6	1	7135004	PISTON *(includes items 7 & 8)*
7	1	8638740	PISTON SEAL
8	1	9363023	GRUB SCREW
9	1	7135282	GLAND HOUSING
10	1	8629164	GLAND SEAL
11	1	8700740	O RING
12	1	8709740	ANTI EXTRUSION RING
13	1	8629147	WIPER
14	2	7101134	BUSH (RAM BASE)
15	2	8581115	ADAPTOR
16	1	8003001	PLUG
17	3	8650103	BONDED SEAL
		8699187	**SEAL KIT**

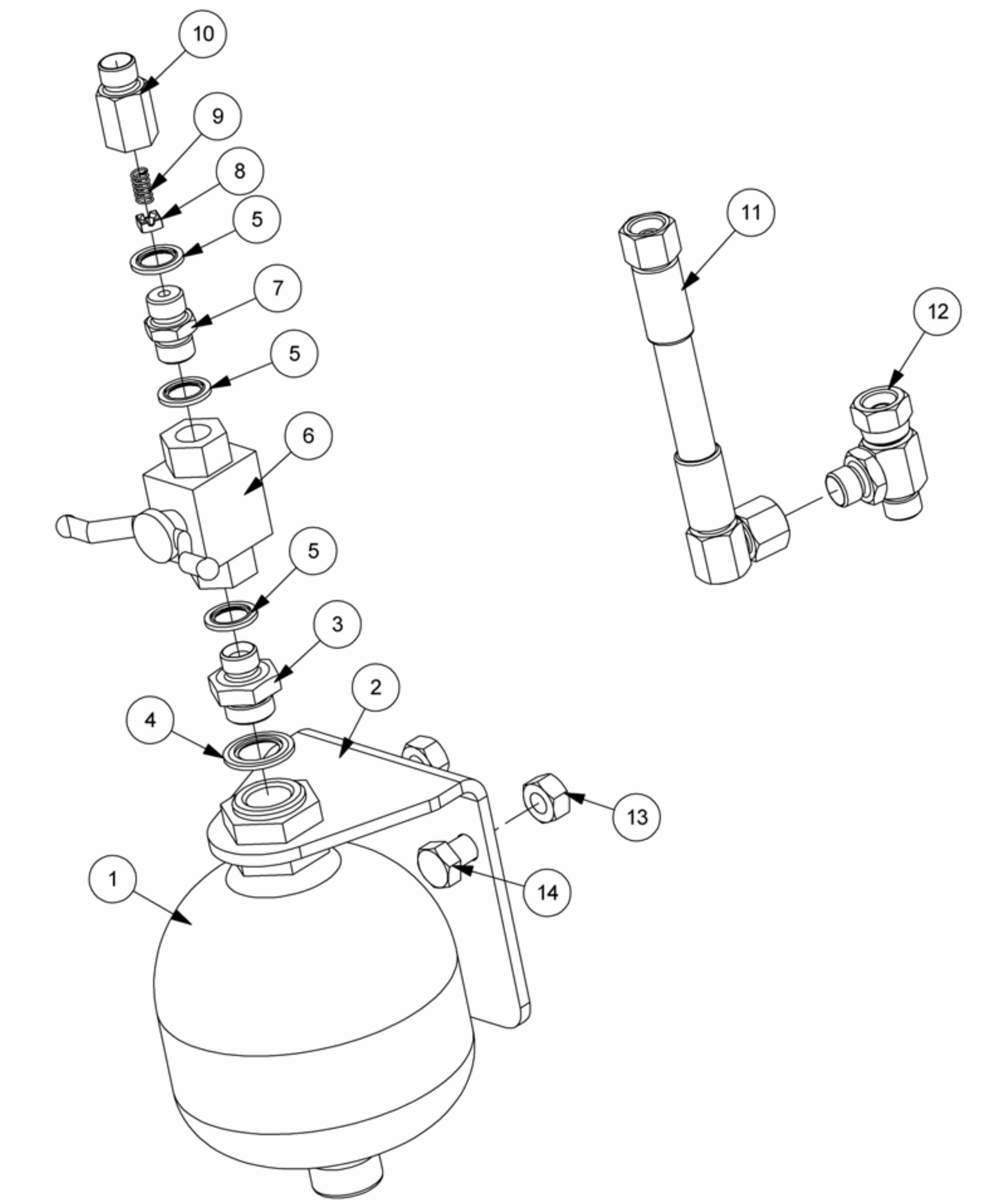


REF.	QTY.	PART No.	DESCRIPTION
		7560344	**ANGLING RAM ASSEMBLY**
		7560354	ANGLING RAM - *Comprising of:*
1	1	7135292	CYLINDER
2	1	7135009	ROD
3	1	7105050	BUSH
4	1	7560095	PISTON
5	1	8629187	PISTON SEAL
6	1	8629188	BEARING RING
7*	1	9363023	GRUB SCREW - SOCKET HEAD
8	1	7135291	GLAND HOUSING
9	1	8629148	GLAND SEAL
10	1	0416240	INTERNAL CIRCLIP
11	1	8629149	WIPER SEAL
12	1	8600302	O RING
13	1	8609302	ANTI EXTRUSION RING
14	2	0901121	GREASER
15	2	8581169	ADAPTOR
16	2	8650102	BONDED SEAL
		8699188	**SEAL KIT**

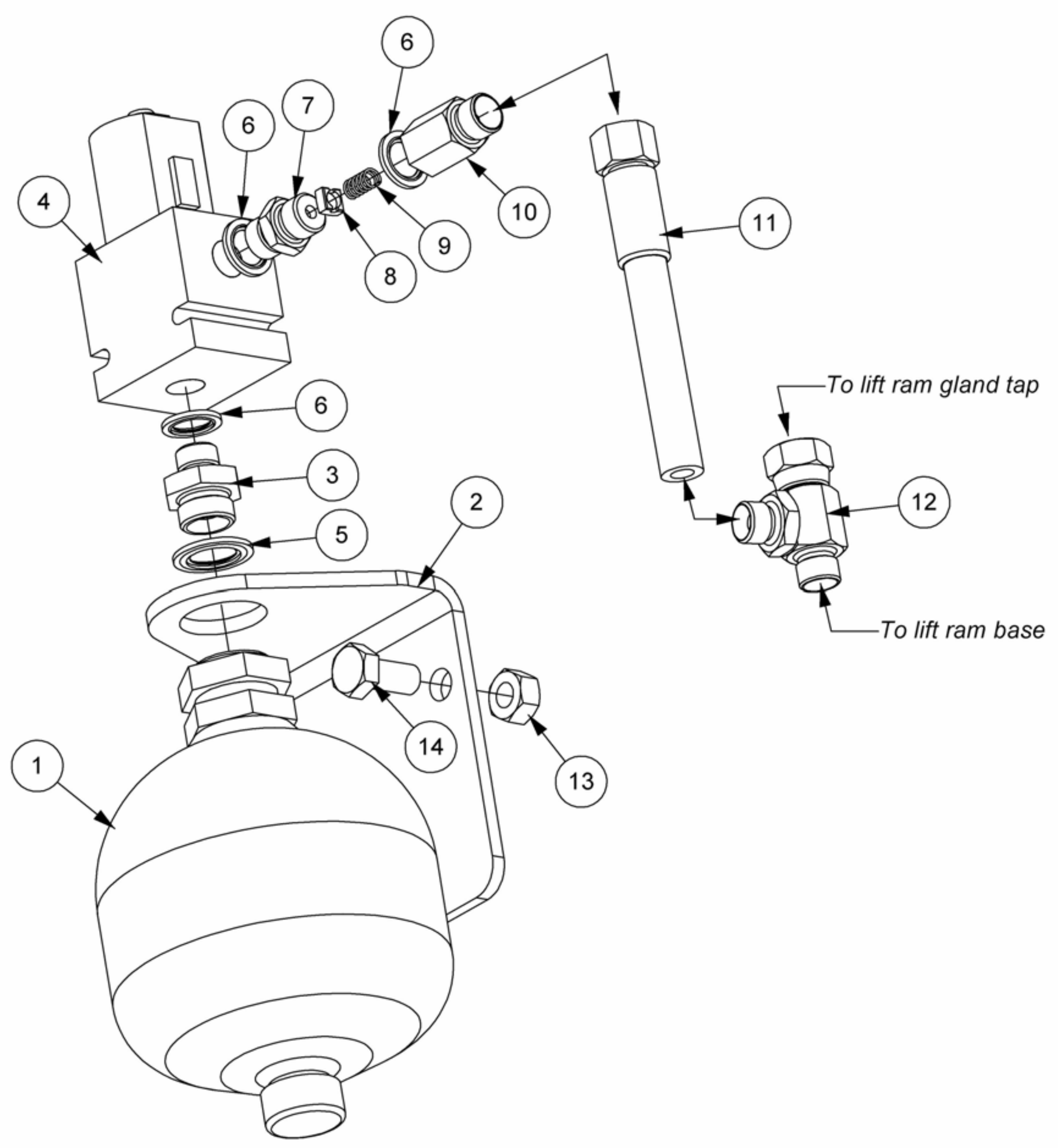
*** Assembly note: Tighten fully and centre punch edge of hole to secure.**



REF.	QTY.	PART No.	DESCRIPTION
		8126352	**ANGLE FLOAT KIT (Optional Extra)**
1	1	8126333	FLOAT VALVE BLOCK
2	1	8126334	BRIDGING PLATE
3	1	8130457	SINGLE SOLENOID VALVE
4	1	8402338	LOOM - ANGLE FLOAT
5	1	8582041	TAPER PLUG
6	6	8700511	O RING
7	4	9243102	CAPSCREW

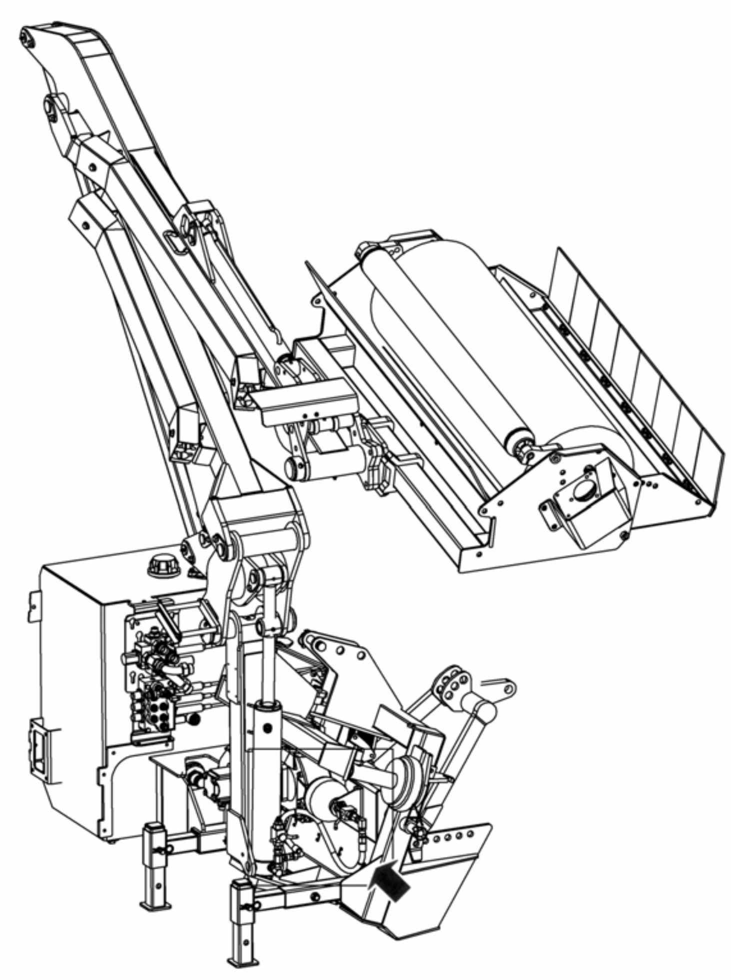


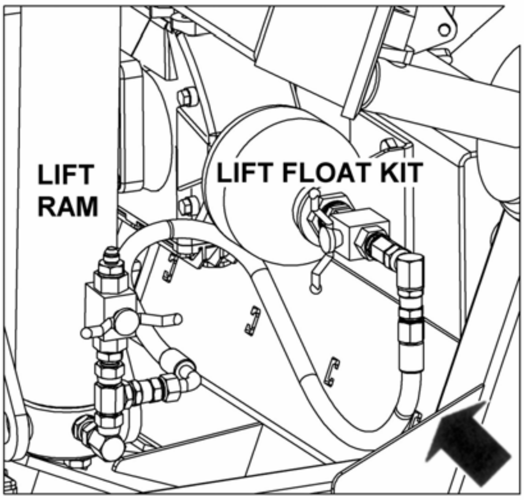
REF.	QTY.	PART No.	DESCRIPTION
		8126326	**LIFT FLOAT KIT - Cable Models**
1	1	8126044	ACCUMULATOR
2	1	8126318	BRACKET
3	1	G2410380	ADAPTOR
4	1	8650322	BONDED SEAL
5	3	8650103	BONDED SEAL
6	1	08.200.01	ISOLATING VALVE
7	1	8581209	ADAPTOR
8	1	8123041	RESTRICTOR DISC - 1.15 RED
9	1	8116011	SPRING
10	1	8581346	ADAPTOR RESTRICTOR BODY
11	1	10.004.20	HOSE - 3/8" BSP FS/F90 x 1000mm
12	1	11.068.69	ADAPTOR TEE
13	2	9143006	SELF-LOCKING NUT
14	2	9313056	SETSCREW



REF.	QTY.	PART No.	DESCRIPTION
		8126327	**LIFT FLOAT KIT - Electric Models**
1	1	8126044	ACCUMULATOR
2	1	8126318	BRACKET
3	1	G2410380	ADAPTOR
4	1	08.619.09	MODULAR VALVE
5	1	8650322	BONDED SEAL
6	3	8650103	BONDED SEAL
7	1	8581209	ADAPTOR
8	1	8123041	RESTRICTOR DISC - 1.15 RED
9	1	8116011	SPRING
10	1	8581346	ADAPTOR RESTRICTOR BODY
11	1	10.004.18	HOSE - 3/8" BSP FS/F90 x 900mm
12	1	11.068.69	ADAPTOR TEE
13	2	9143006	SELF-LOCKING NUT
14	2	9313056	SETSCREW

Lift Float Kit Location

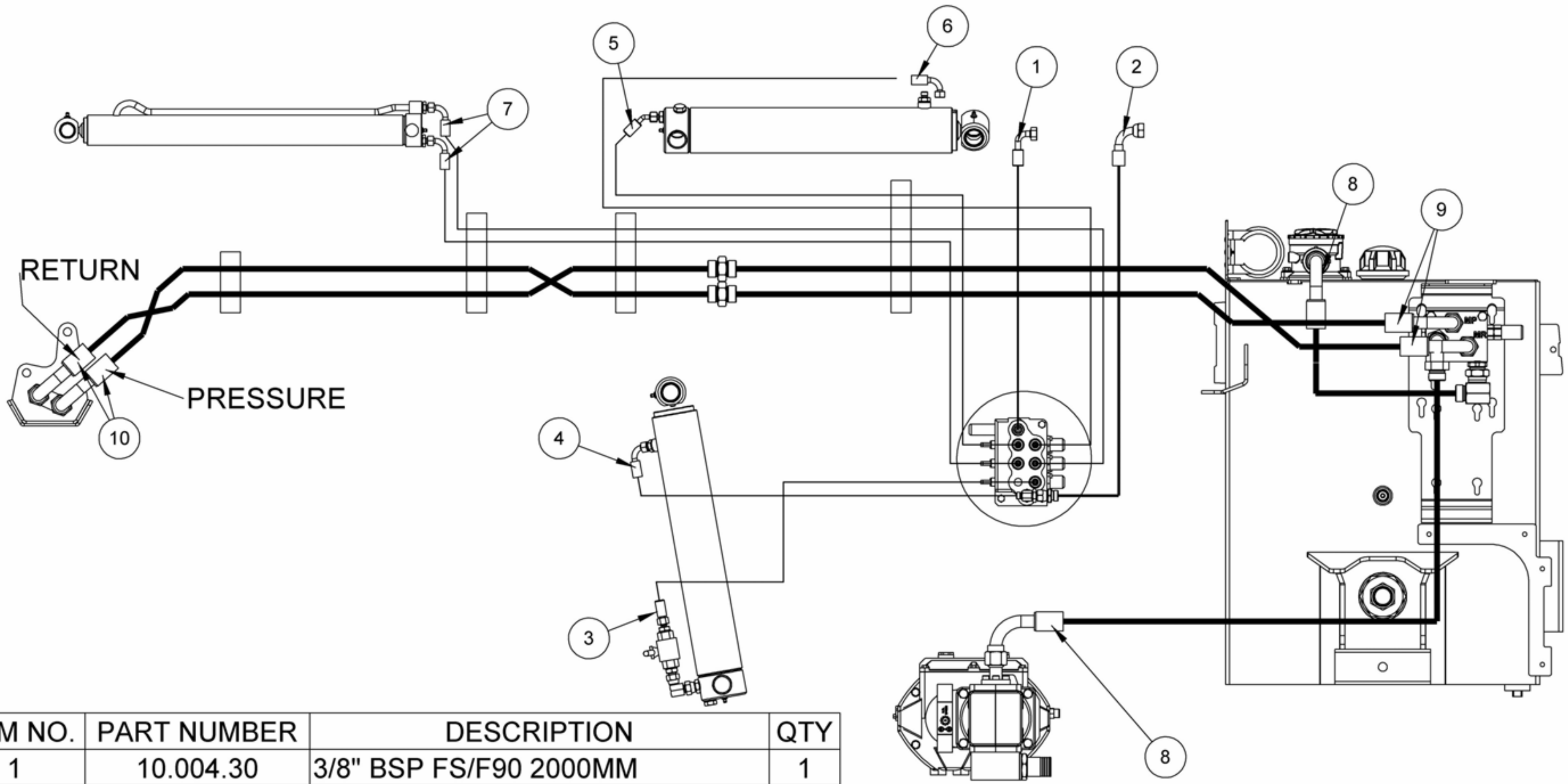


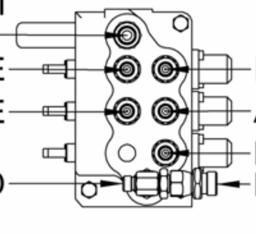


On electric controlled machines the cable from the poppet valve solenoid is connected to the lift float switch on the switchbox.
In work with the poppet valve open the flail head will automatically follow the ground contours.
The float function is engaged either by selection of the lift float switch on electric machines or by manually operating the ‘manual override’ on top of the poppet valve.
The lift control should be operated to take a proportion of the flail head weight off the flail roller. This is important, too little weight on the roller will leave uncut areas of grass while with too much weight on the roller the ground will be scalped in places and increased flail wear, damage, or even loss of flails could occur. To revert to standard operation the accumulator is isolated from the lift ram, by deselecting the float switch or by returning the manual override to the ‘off’ position.

On Multilever Electric machines where both lift float and angle float functions are fitted a switching kit *(part number 8402303)* is available which isolates the angle float. This allows the machine to be operated with either the lift and angle floats functioning together or with the lift float operating alone.

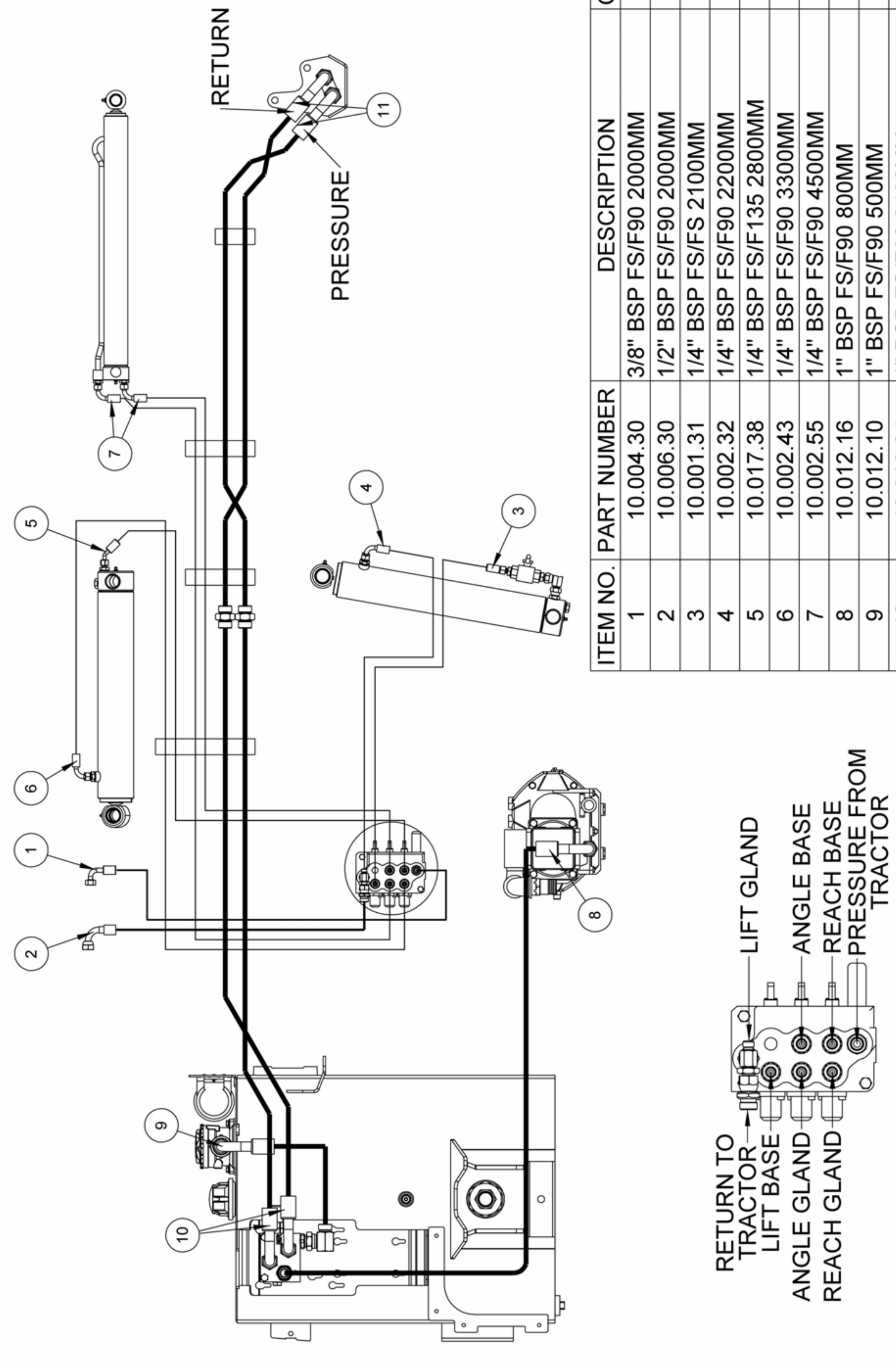
On Monolever Electric and Proportional machines the lift float can be operated alone or with lift and angle floats functioning together. The two-core cable is connected from the solenoid to wires 10 & 14 on the main harness.



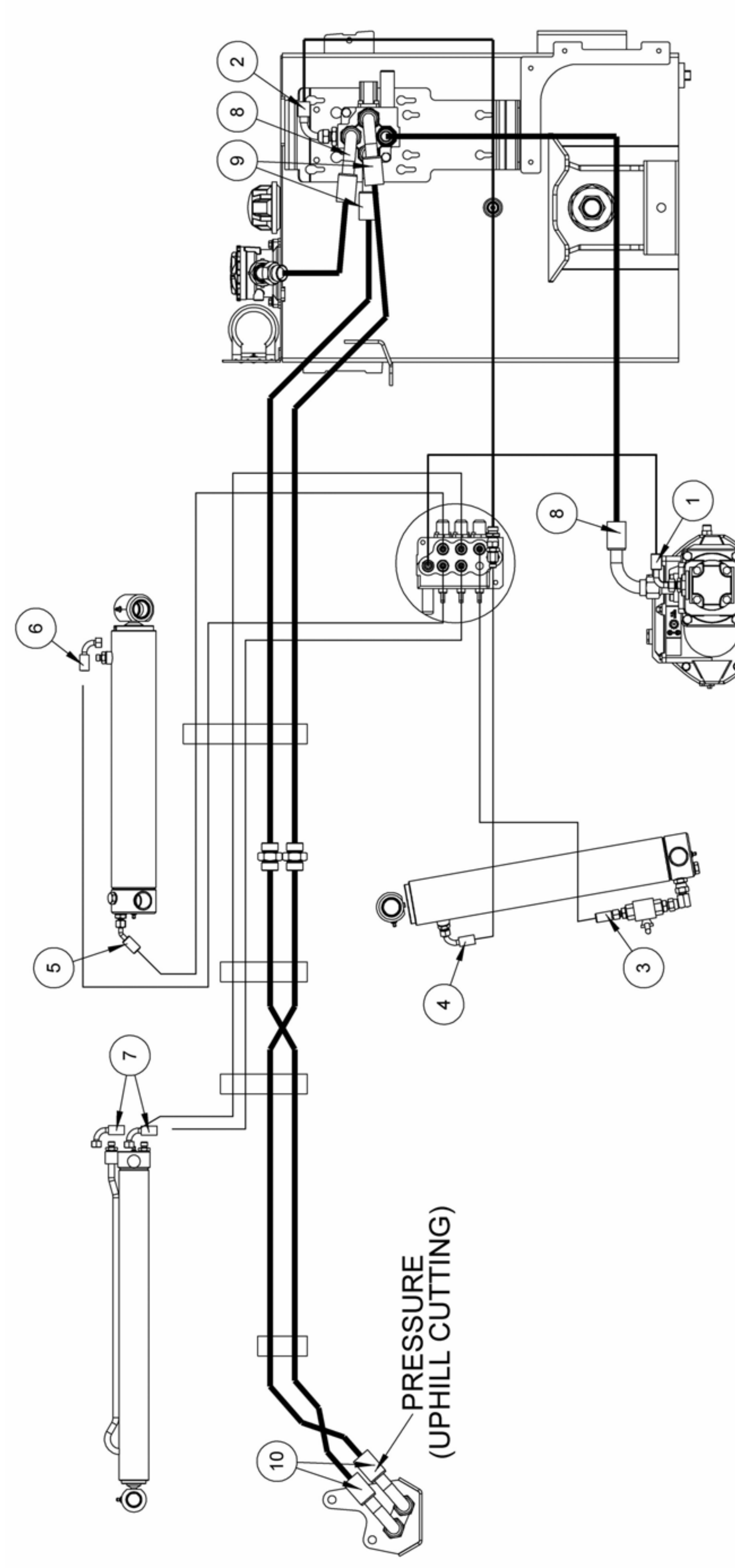


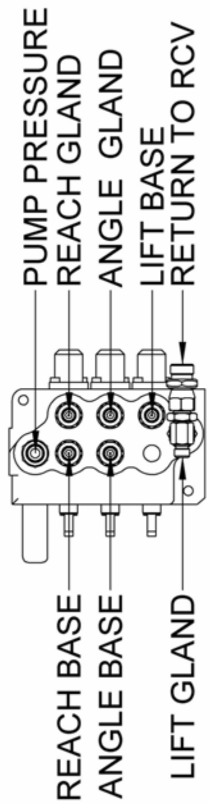
ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	10.004.30	3/8" BSP FS/F90 2000MM	1
2	10.006.30	1/2" BSP FS/F90 2000MM	1
3	10.001.31	1/4" BSP FS/FS 2100MM	1
4	10.002.32	1/4" BSP FS/F90 2200MM	1
5	10.017.38	1/4" BSP FS/F135 2800MM	1
6	10.002.43	1/4" BSP FS/F90 3300MM	1
7	10.002.55	1/4" BSP FS/F90 4500MM	2
8	10.012.10	1" BSP FS/F90 500MM	2
9	10.012.34	1" BSP FS/F90 2400MM	2
10	10.012.41	1" BSP FS/F90 3100MM	2

McCONNEL



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	10.004.30	3/8" BSP FS/F90 2000MM	1
2	10.006.30	1/2" BSP FS/F90 2000MM	1
3	10.001.31	1/4" BSP FS/FS 2100MM	1
4	10.002.32	1/4" BSP FS/F90 2200MM	1
5	10.017.38	1/4" BSP FS/F135 2800MM	1
6	10.002.43	1/4" BSP FS/F90 3300MM	1
7	10.002.55	1/4" BSP FS/F90 4500MM	2
8	10.012.16	1" BSP FS/F90 800MM	1
9	10.012.10	1" BSP FS/F90 500MM	1
10	10.012.34	1" BSP FS/F90 2400MM	2
11	10.012.41	1" BSP FS/F90 3100MM	2

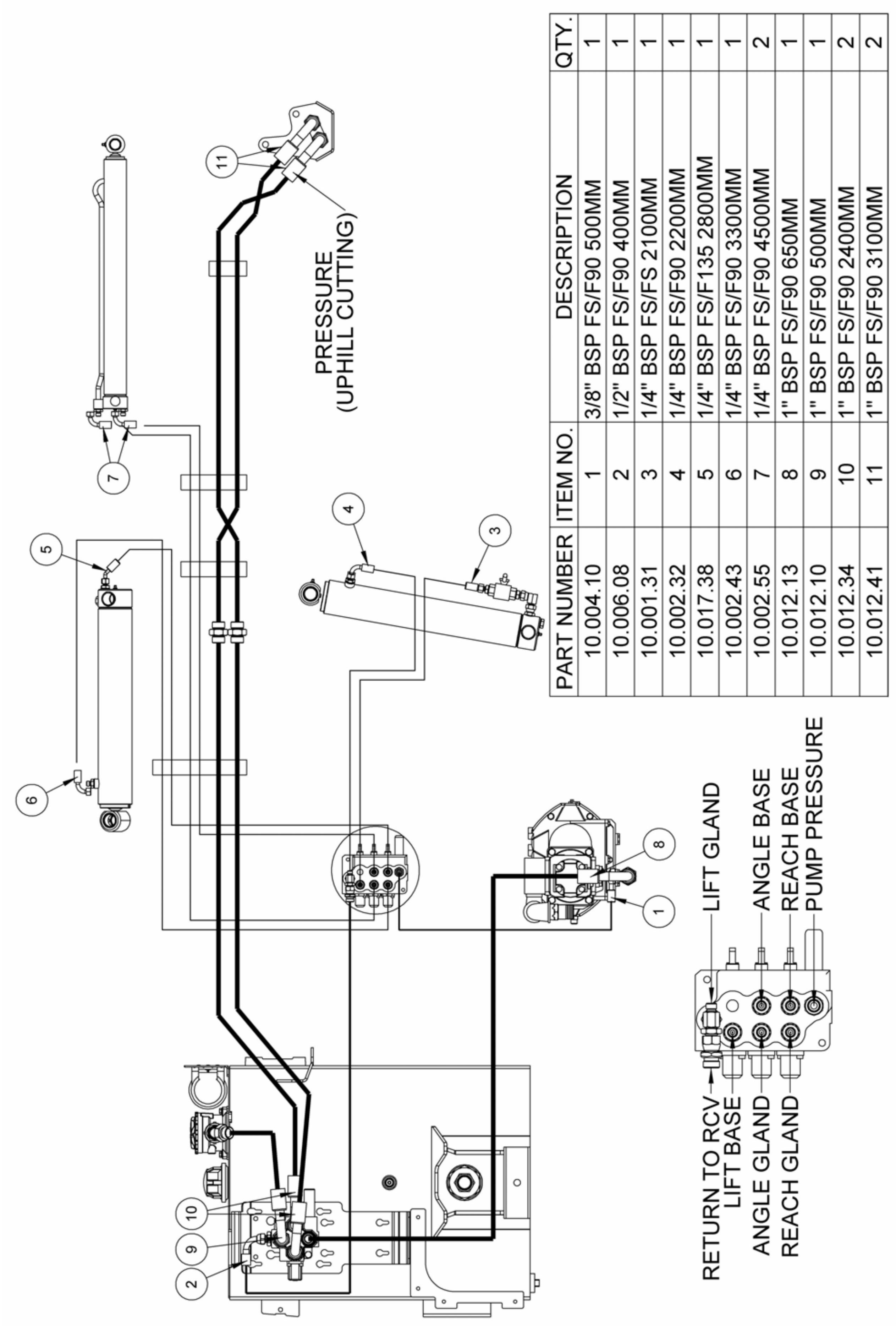


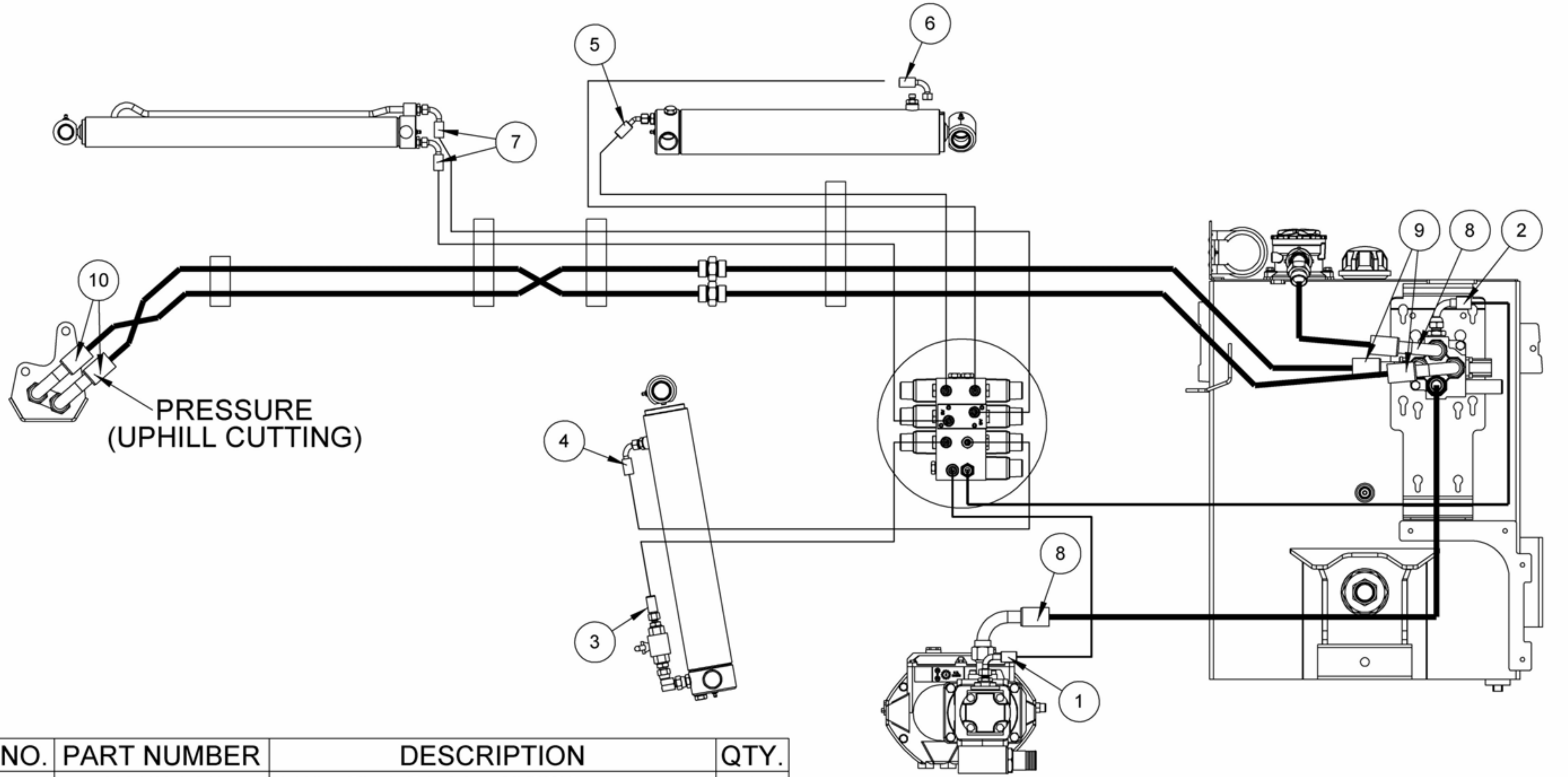


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	10.004.08	3/8" BSP FS/F90 400MM	1
2	10.006.11	1/2" BSP FS/F90 550MM	1
3	10.001.31	1/4" BSP FS/FS 2100MM	1
4	10.002.32	1/4" BSP FS/F90 2200MM	1
5	10.017.38	1/4" BSP FS/F135 2800MM	1
6	10.002.43	1/4" BSP FS/F90 3300MM	1
7	10.002.55	1/4" BSP FS/F90 4500MM	2
8	10.012.10	1" BSP FS/F90 500MM	2
9	10.012.34	1" BSP FS/F90 2400MM	2
10	10.012.41	1" BSP FS/F90 3100MM	2

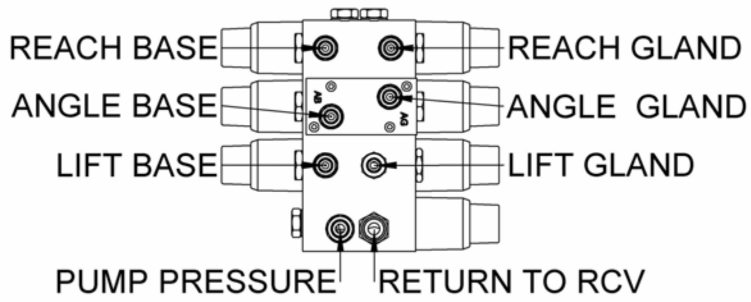
McCONNEL

PART NUMBER	ITEM NO.	DESCRIPTION	QTY.
10.004.10	1	3/8" BSP FS/F90 500MM	1
10.006.08	2	1/2" BSP FS/F90 400MM	1
10.001.31	3	1/4" BSP FS/FS 2100MM	1
10.002.32	4	1/4" BSP FS/F90 2200MM	1
10.017.38	5	1/4" BSP FS/F135 2800MM	1
10.002.43	6	1/4" BSP FS/F90 3300MM	1
10.002.55	7	1/4" BSP FS/F90 4500MM	2
10.012.13	8	1" BSP FS/F90 650MM	1
10.012.10	9	1" BSP FS/F90 500MM	1
10.012.34	10	1" BSP FS/F90 2400MM	2
10.012.41	11	1" BSP FS/F90 3100MM	2

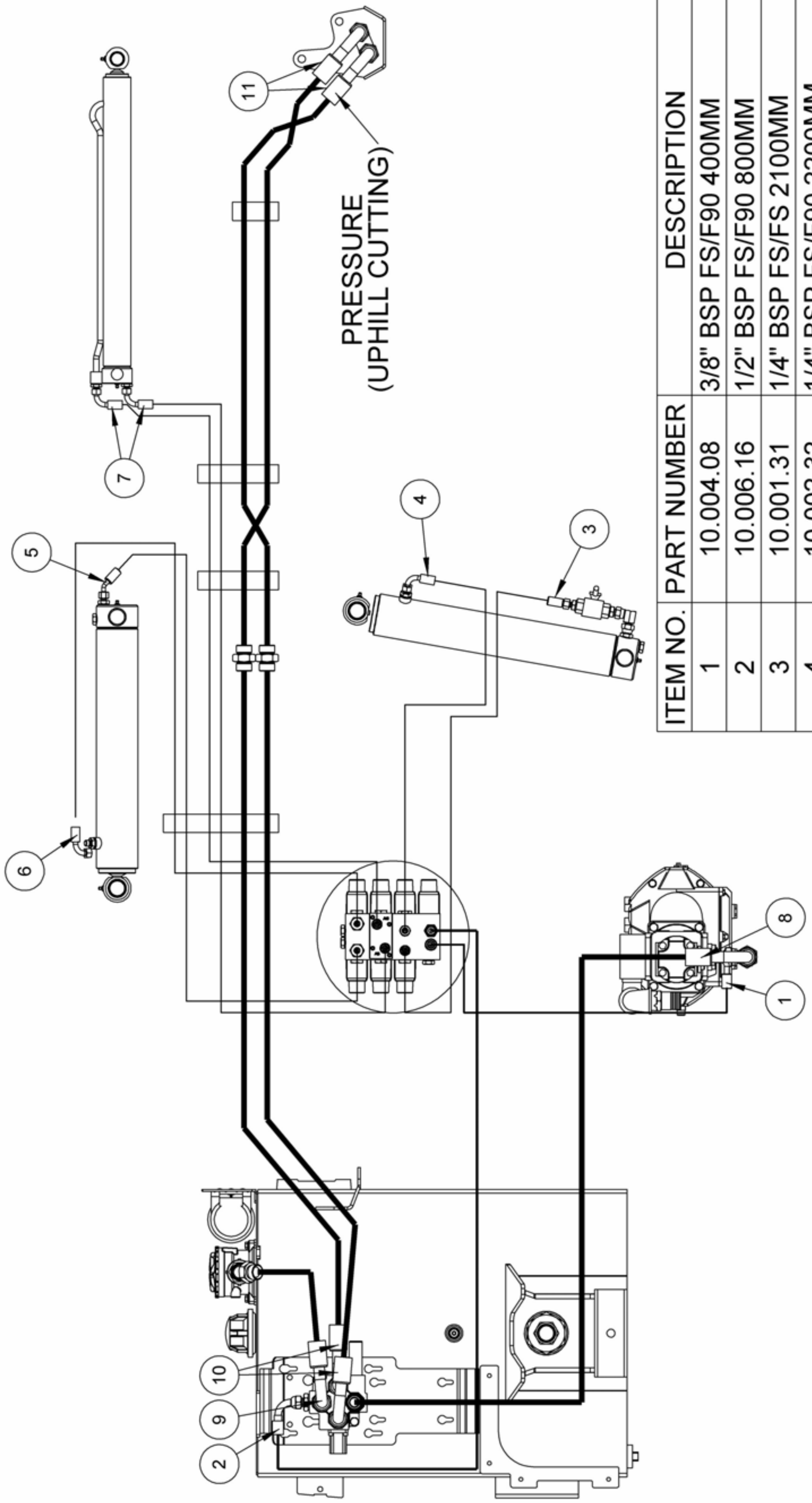




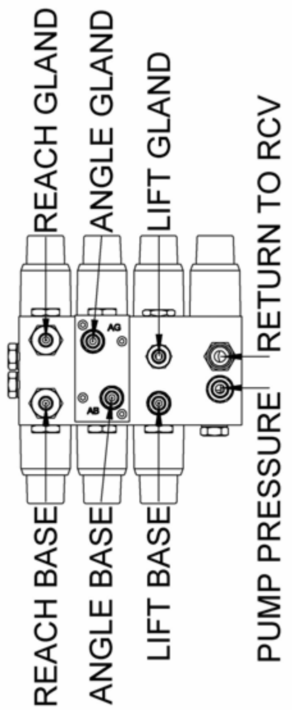
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	10.004.10	3/8" BSP FS/F90 500MM	1
2	10.006.16	1/2" BSP FS/F90 800MM	1
3	10.001.31	1/4" BSP FS/FS 2100MM	1
4	10.002.32	1/4" BSP FS/F90 2200MM	1
5	10.017.38	1/4" BSP FS/F135 2800MM	1
6	10.002.43	1/4" BSP FS/F90 3300MM	1
7	10.002.55	1/4" BSP FS/F90 4500MM	2
8	10.012.10	1" BSP FS/F90 500MM	2
9	10.012.34	1" BSP FS/F90 2400MM	2
10	10.012.41	1" BSP FS/F90 3100MM	2



MCCONNEL



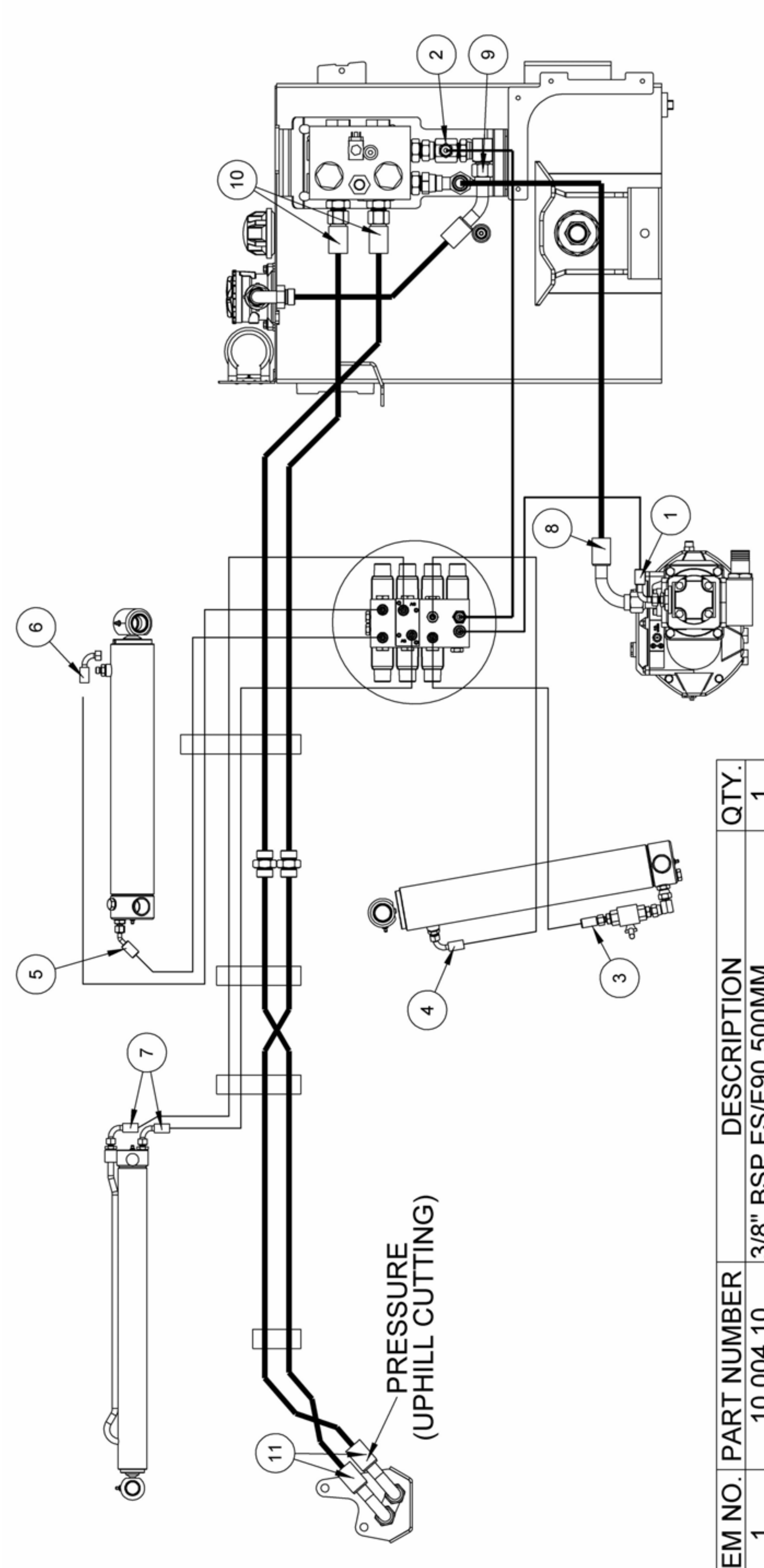
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	10.004.08	3/8" BSP FS/F90 400MM	1
2	10.006.16	1/2" BSP FS/F90 800MM	1
3	10.001.31	1/4" BSP FS/FS 2100MM	1
4	10.002.32	1/4" BSP FS/F90 2200MM	1
5	10.017.38	1/4" BSP FS/F135 2800MM	1
6	10.002.43	1/4" BSP FS/F90 3300MM	1
7	10.002.55	1/4" BSP FS/F90 4500MM	2
8	10.012.13	1" BSP FS/F90 650MM	1
9	10.012.10	1" BSP FS/F90 500MM	1
10	10.012.34	1" BSP FS/F90 2400MM	2
11	10.012.41	1" BSP FS/F90 3100MM	2

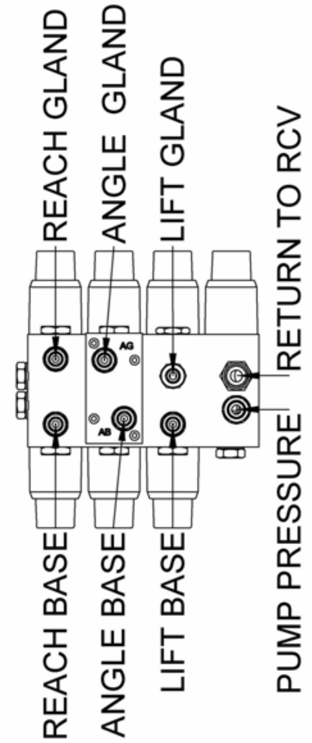


HOSE KIT – L/H Standard TI Electric (Electric RCV)

Module(s): 714872216

McCONNEL

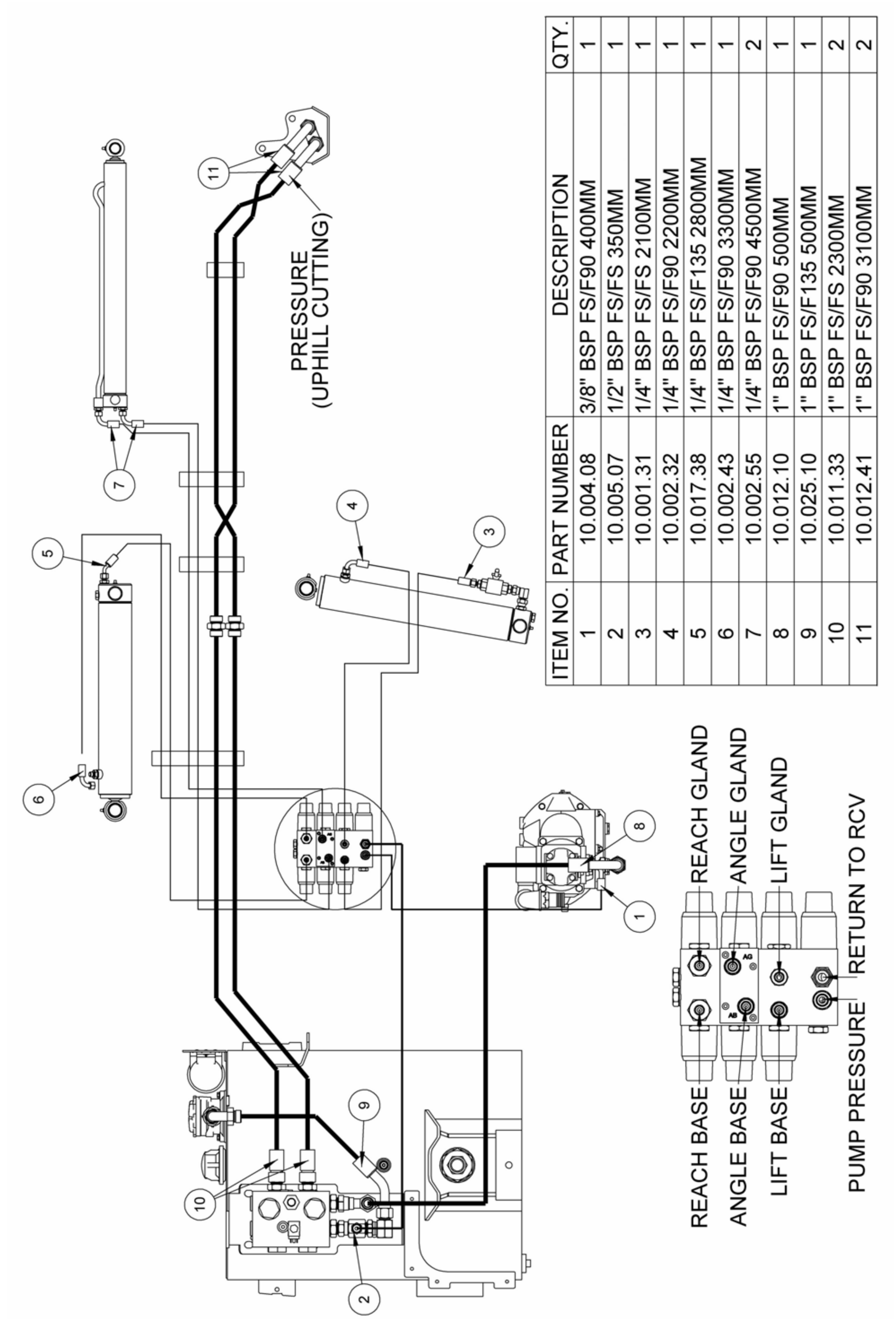


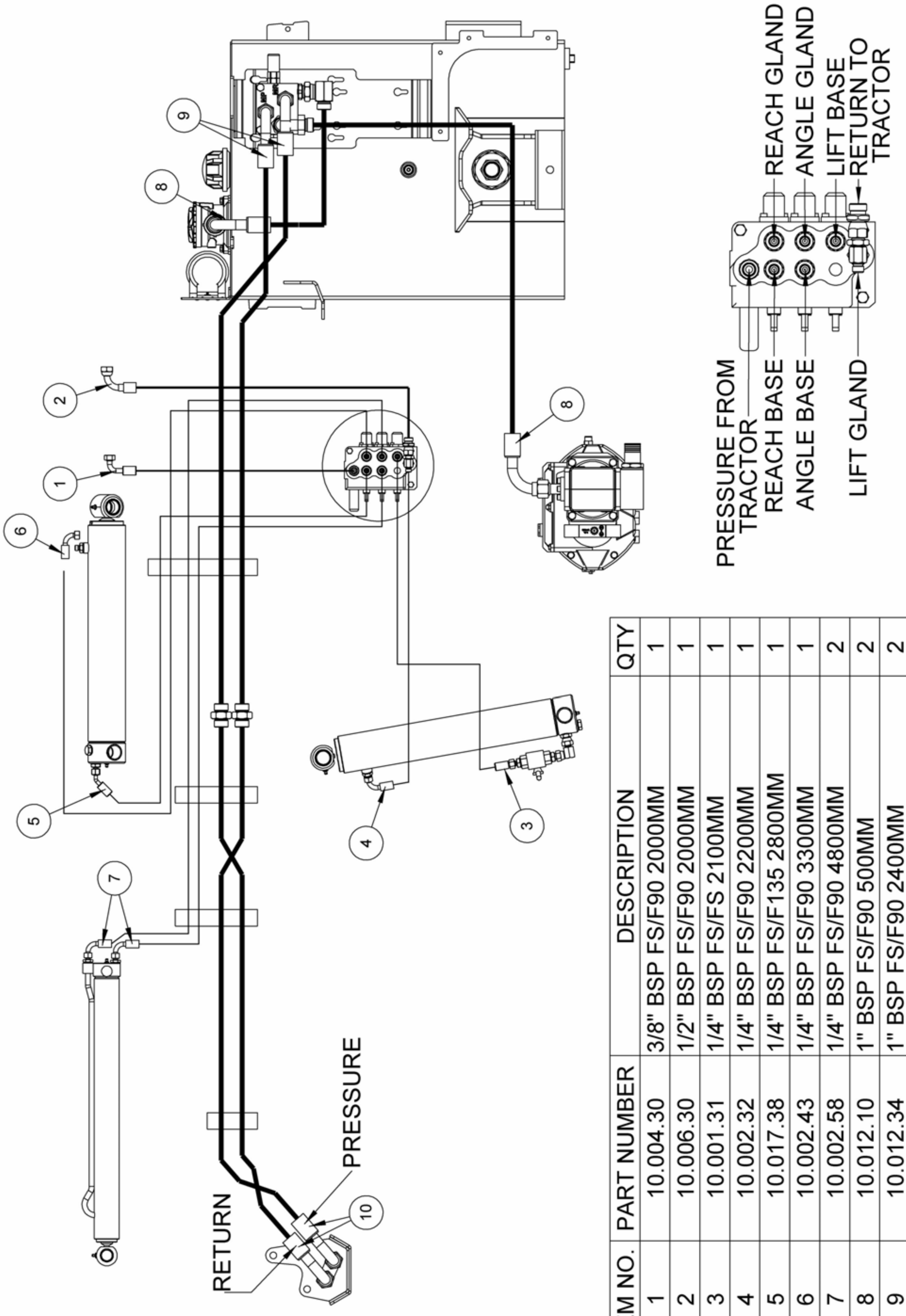


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	10.004.10	3/8" BSP FS/F90 500MM	1
2	10.005.07	1/2" BSP FS/FS 350MM	1
3	10.001.31	1/4" BSP FS/FS 2100MM	1
4	10.002.32	1/4" BSP FS/F90 2200MM	1
5	10.017.38	1/4" BSP FS/F135 2800MM	1
6	10.002.43	1/4" BSP FS/F90 3300MM	1
7	10.002.55	1/4" BSP FS/F90 4500MM	2
8	10.012.08	1" BSP FS/F90 400MM	1
9	10.025.10	1" BSP FS/F135 500MM	1
10	10.011.33	1" BSP FS/FS 2300MM	2
11	10.012.41	1" BSP FS/F90 3100MM	2

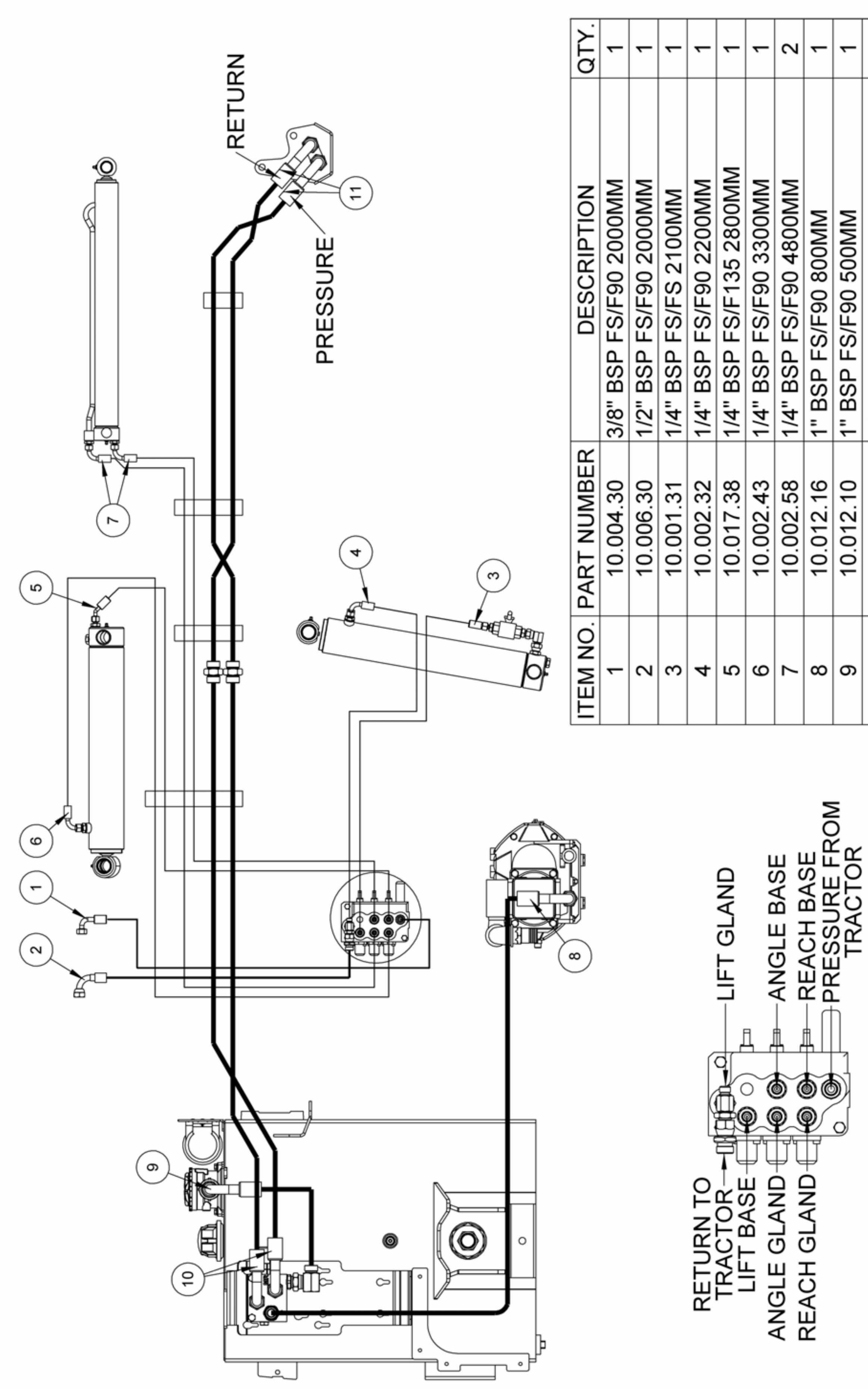
McCONNEL

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	10.004.08	3/8" BSP FS/F90 400MM	1
2	10.005.07	1/2" BSP FS/FS 350MM	1
3	10.001.31	1/4" BSP FS/FS 2100MM	1
4	10.002.32	1/4" BSP FS/F90 2200MM	1
5	10.017.38	1/4" BSP FS/F135 2800MM	1
6	10.002.43	1/4" BSP FS/F90 3300MM	1
7	10.002.55	1/4" BSP FS/F90 4500MM	2
8	10.012.10	1" BSP FS/F90 500MM	1
9	10.025.10	1" BSP FS/F135 500MM	1
10	10.011.33	1" BSP FS/FS 2300MM	2
11	10.012.41	1" BSP FS/F90 3100MM	2





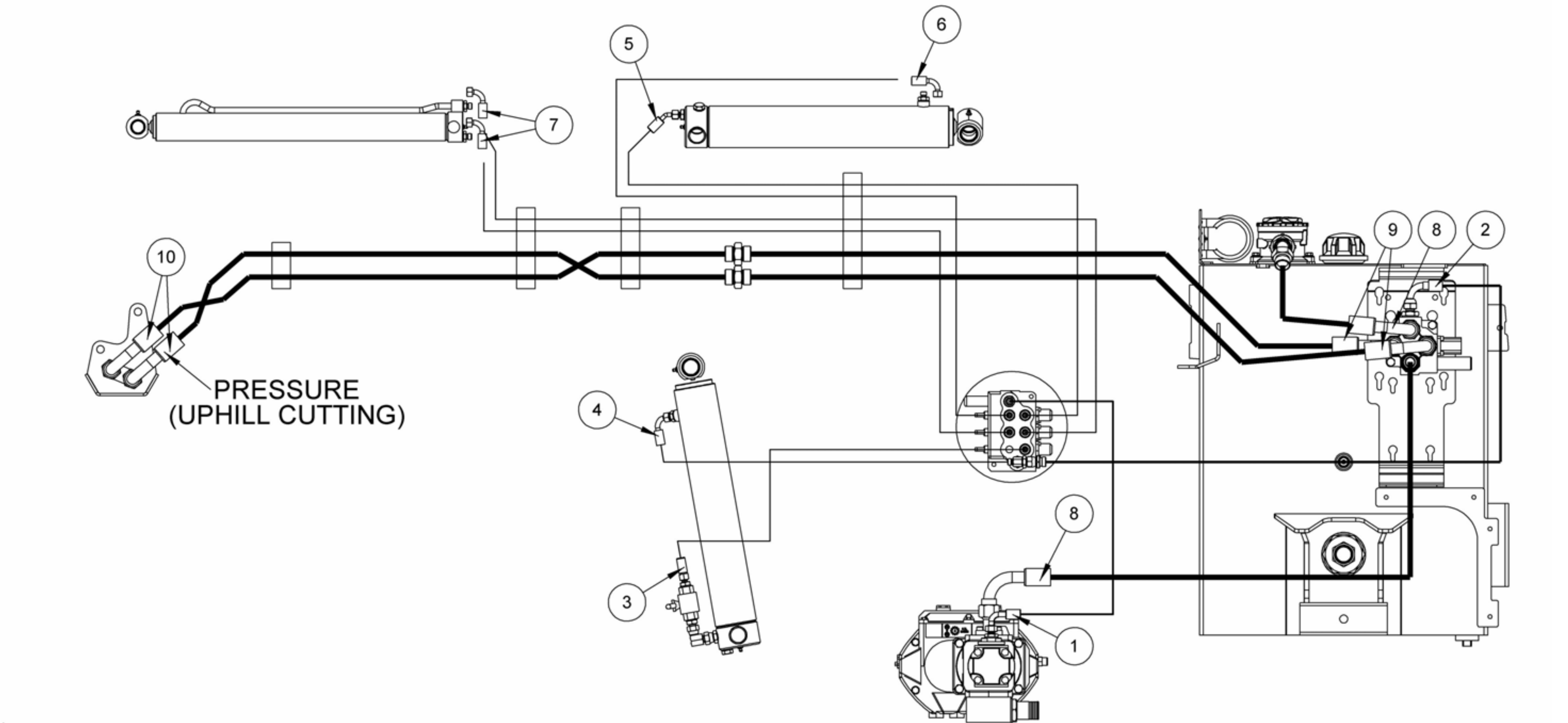
ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	10.004.30	3/8" BSP FS/F90 2000MM	1
2	10.006.30	1/2" BSP FS/F90 2000MM	1
3	10.001.31	1/4" BSP FS/FS 2100MM	1
4	10.002.32	1/4" BSP FS/F90 2200MM	1
5	10.017.38	1/4" BSP FS/F135 2800MM	1
6	10.002.43	1/4" BSP FS/F90 3300MM	1
7	10.002.58	1/4" BSP FS/F90 4800MM	2
8	10.012.10	1" BSP FS/F90 500MM	2
9	10.012.34	1" BSP FS/F90 2400MM	2
10	10.012.45	1" BSP FS/F90 3500MM	2



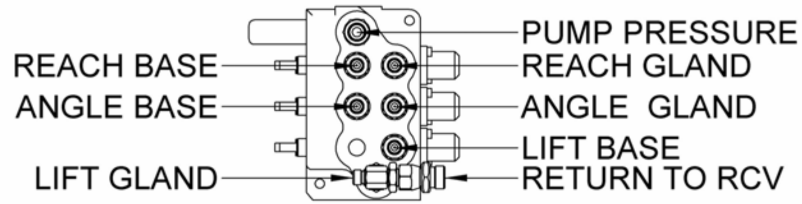
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	10.004.30	3/8" BSP FS/F90 2000MM	1
2	10.006.30	1/2" BSP FS/F90 2000MM	1
3	10.001.31	1/4" BSP FS/FS 2100MM	1
4	10.002.32	1/4" BSP FS/F90 2200MM	1
5	10.017.38	1/4" BSP FS/F135 2800MM	1
6	10.002.43	1/4" BSP FS/F90 3300MM	1
7	10.002.58	1/4" BSP FS/F90 4800MM	2
8	10.012.16	1" BSP FS/F90 800MM	1
9	10.012.10	1" BSP FS/F90 500MM	1
10	10.012.34	1" BSP FS/F90 2400MM	2
11	10.012.45	1" BSP FS/F90 3500MM	2

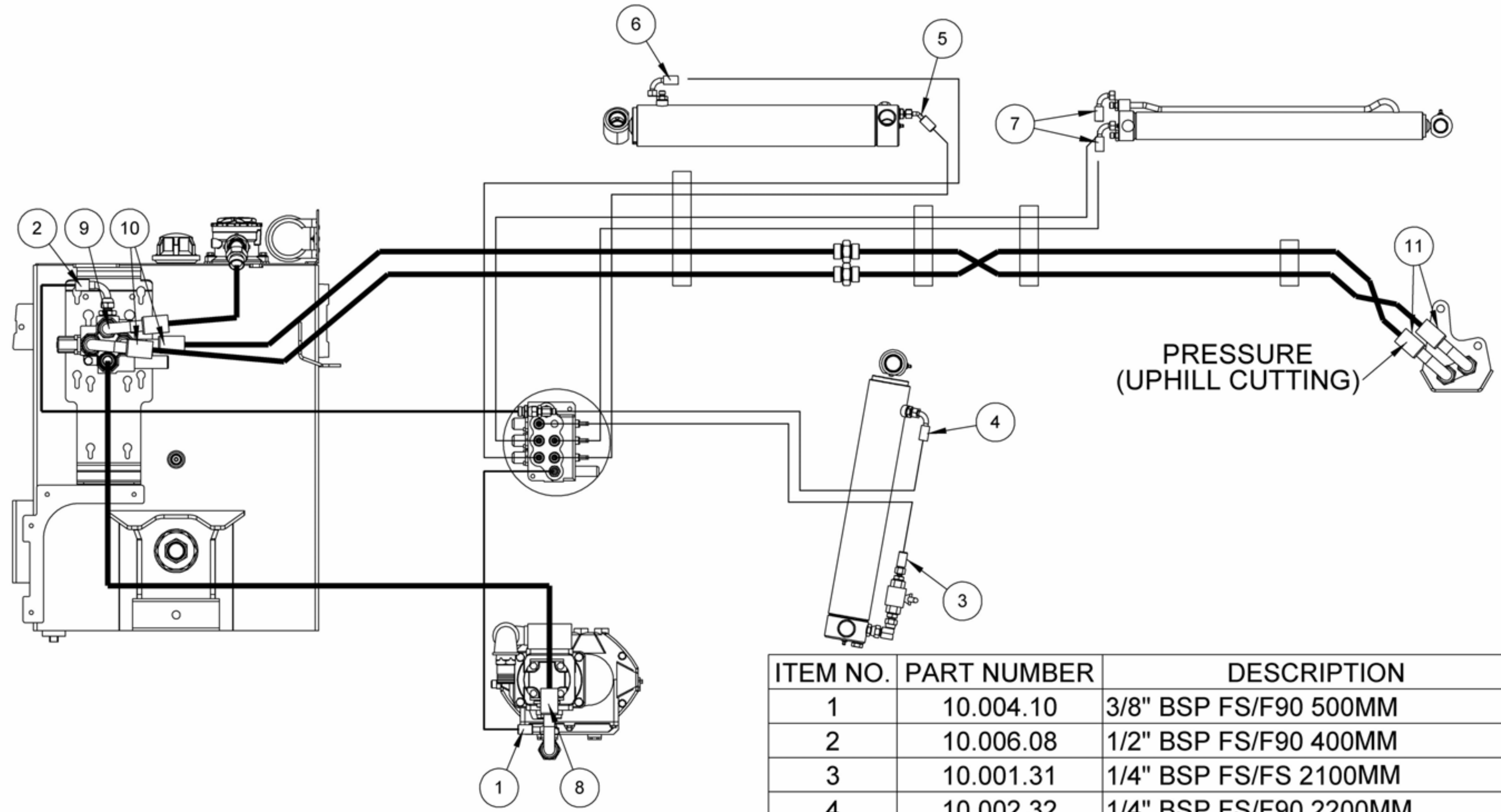
HOSE KIT – L/H Fixed Midcut TI Cable

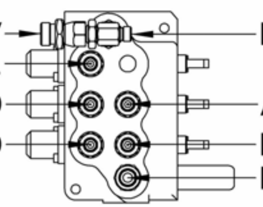
Module(s): 714872222



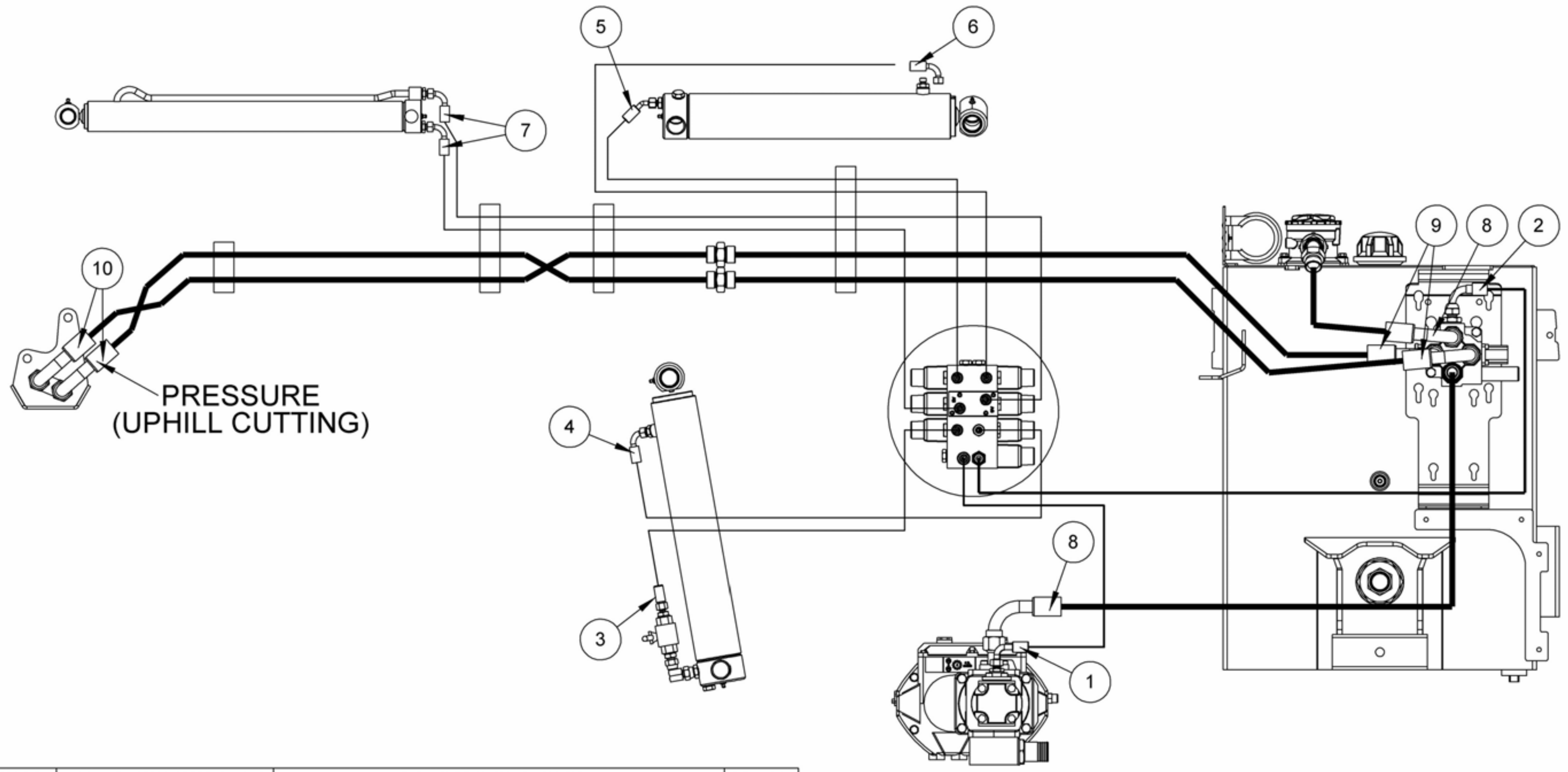
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	10.004.08	3/8" BSP FS/F90 400MM	1
2	10.006.11	1/2" BSP FS/F90 550MM	1
3	10.001.31	1/4" BSP FS/FS 2100MM	1
4	10.002.32	1/4" BSP FS/F90 2200MM	1
5	10.017.38	1/4" BSP FS/F135 2800MM	1
6	10.002.43	1/4" BSP FS/F90 3300MM	1
7	10.002.58	1/4" BSP FS/F90 4800MM	2
8	10.012.10	1" BSP FS/F90 500MM	2
9	10.012.34	1" BSP FS/F90 2400MM	2
10	10.012.45	1" BSP FS/F90 3500MM	2



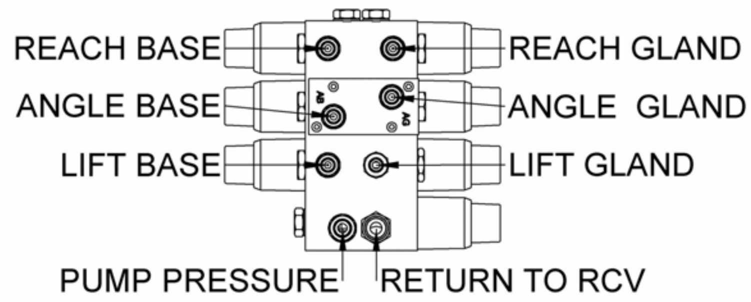


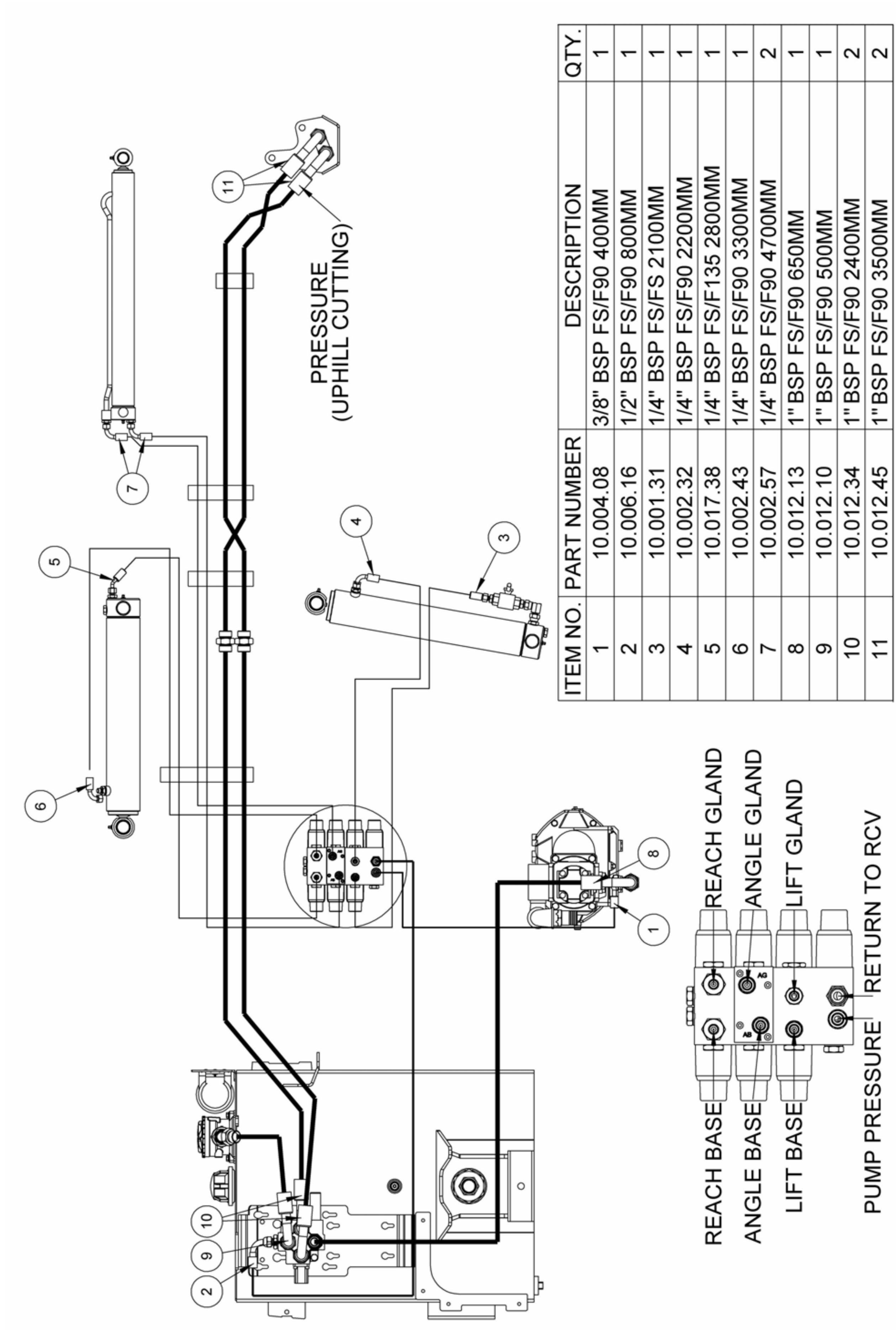


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	10.004.10	3/8" BSP FS/F90 500MM	1
2	10.006.08	1/2" BSP FS/F90 400MM	1
3	10.001.31	1/4" BSP FS/FS 2100MM	1
4	10.002.32	1/4" BSP FS/F90 2200MM	1
5	10.017.38	1/4" BSP FS/F135 2800MM	1
6	10.002.43	1/4" BSP FS/F90 3300MM	1
7	10.002.58	1/4" BSP FS/F90 4800MM	2
8	10.012.13	1" BSP FS/F90 650MM	1
9	10.012.10	1" BSP FS/F90 500MM	1
10	10.012.34	1" BSP FS/F90 2400MM	2
11	10.012.45	1" BSP FS/F90 3500MM	2

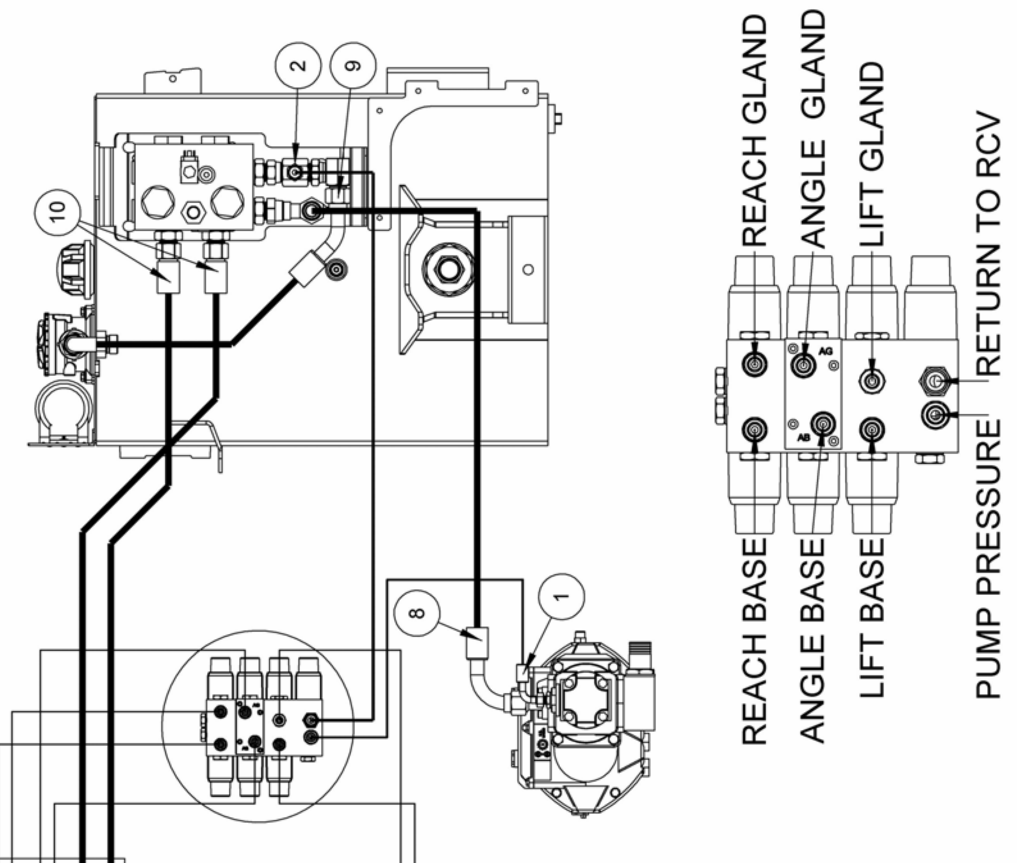


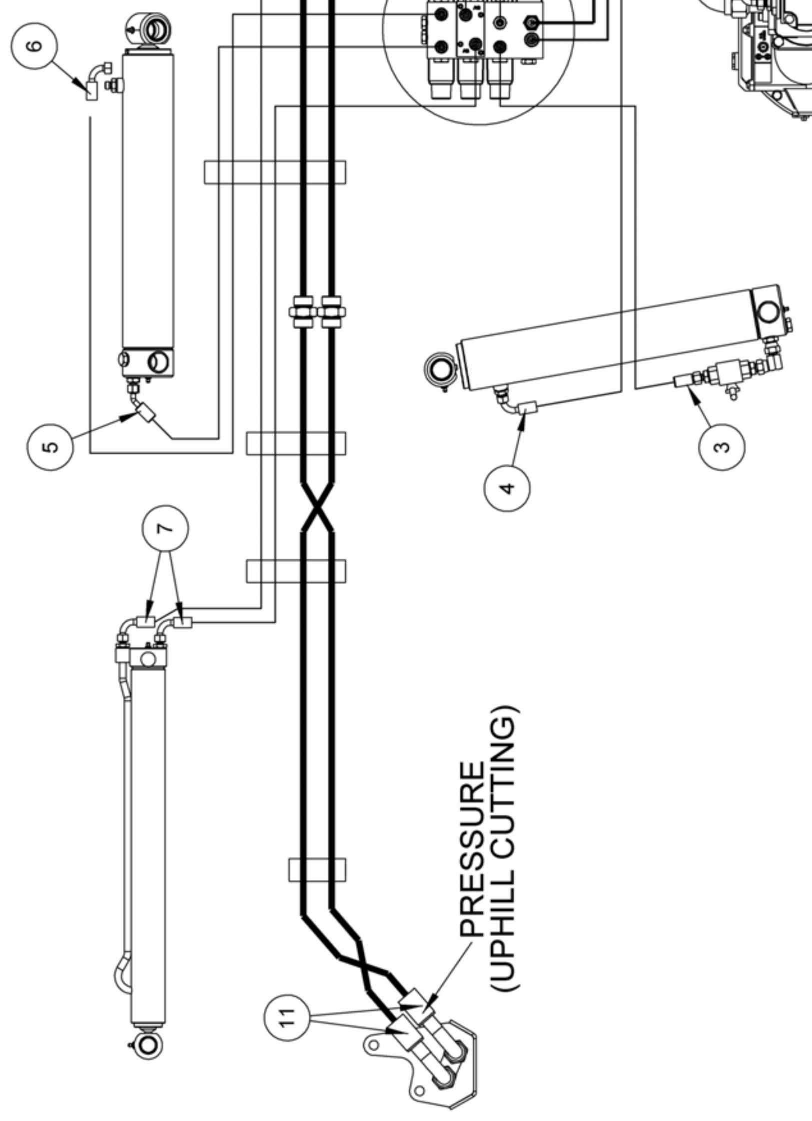
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	10.004.10	3/8" BSP FS/F90 500MM	1
2	10.006.16	1/2" BSP FS/F90 800MM	1
3	10.001.31	1/4" BSP FS/FS 2100MM	1
4	10.002.32	1/4" BSP FS/F90 2200MM	1
5	10.017.38	1/4" BSP FS/F135 2800MM	1
6	10.002.43	1/4" BSP FS/F90 3300MM	1
7	10.002.57	1/4" BSP FS/F90 4700MM	2
8	10.012.10	1" BSP FS/F90 500MM	2
9	10.012.34	1" BSP FS/F90 2400MM	2
10	10.012.45	1" BSP FS/F90 3500MM	2



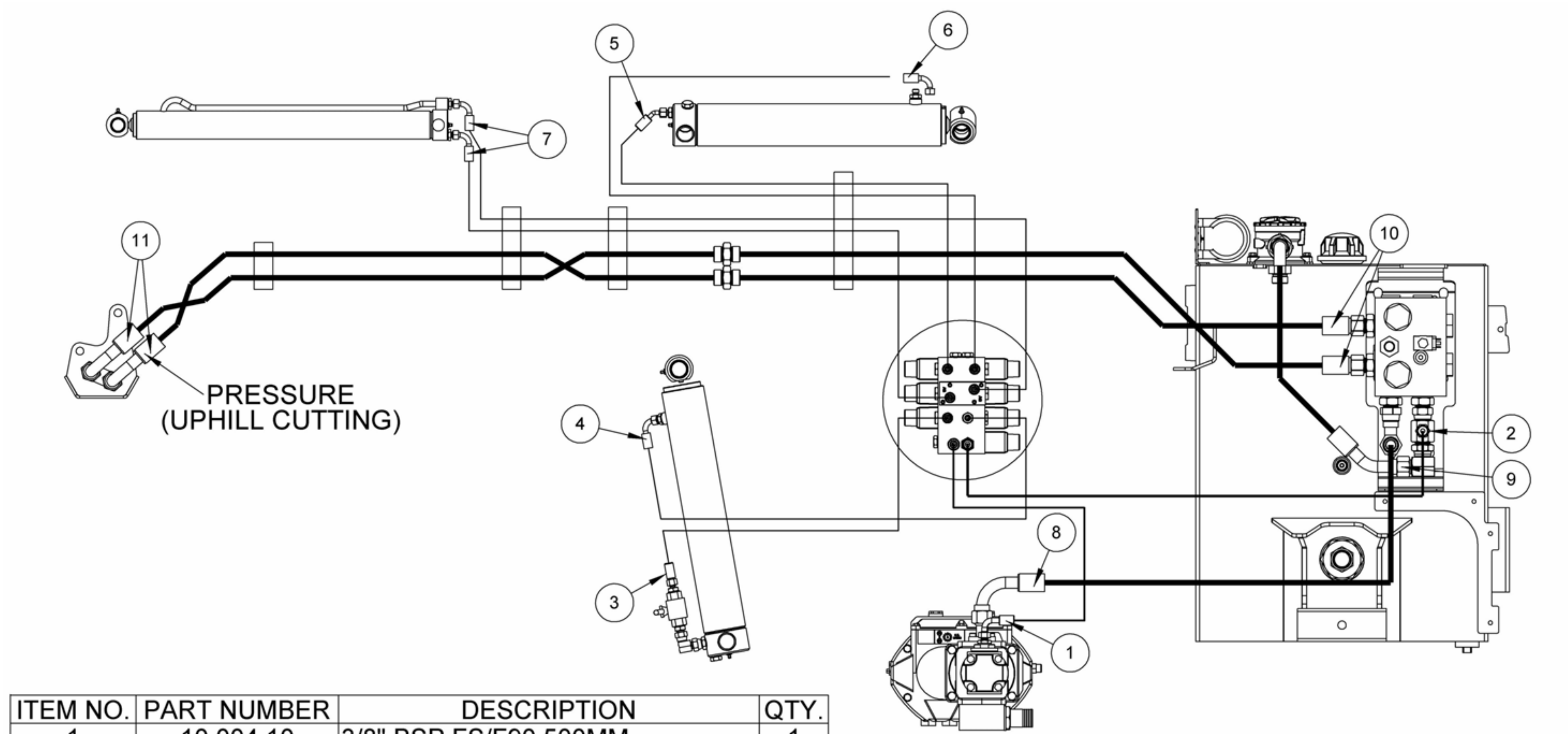


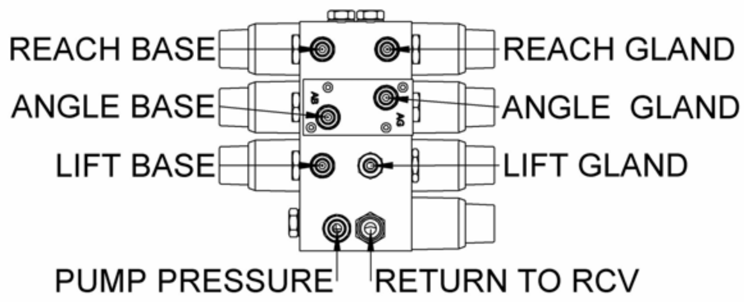
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	10.004.08	3/8" BSP FS/F90 400MM	1
2	10.006.16	1/2" BSP FS/F90 800MM	1
3	10.001.31	1/4" BSP FS/FS 2100MM	1
4	10.002.32	1/4" BSP FS/F90 2200MM	1
5	10.017.38	1/4" BSP FS/F135 2800MM	1
6	10.002.43	1/4" BSP FS/F90 3300MM	1
7	10.002.57	1/4" BSP FS/F90 4700MM	2
8	10.012.13	1" BSP FS/F90 650MM	1
9	10.012.10	1" BSP FS/F90 500MM	1
10	10.012.34	1" BSP FS/F90 2400MM	2
11	10.012.45	1" BSP FS/F90 3500MM	2



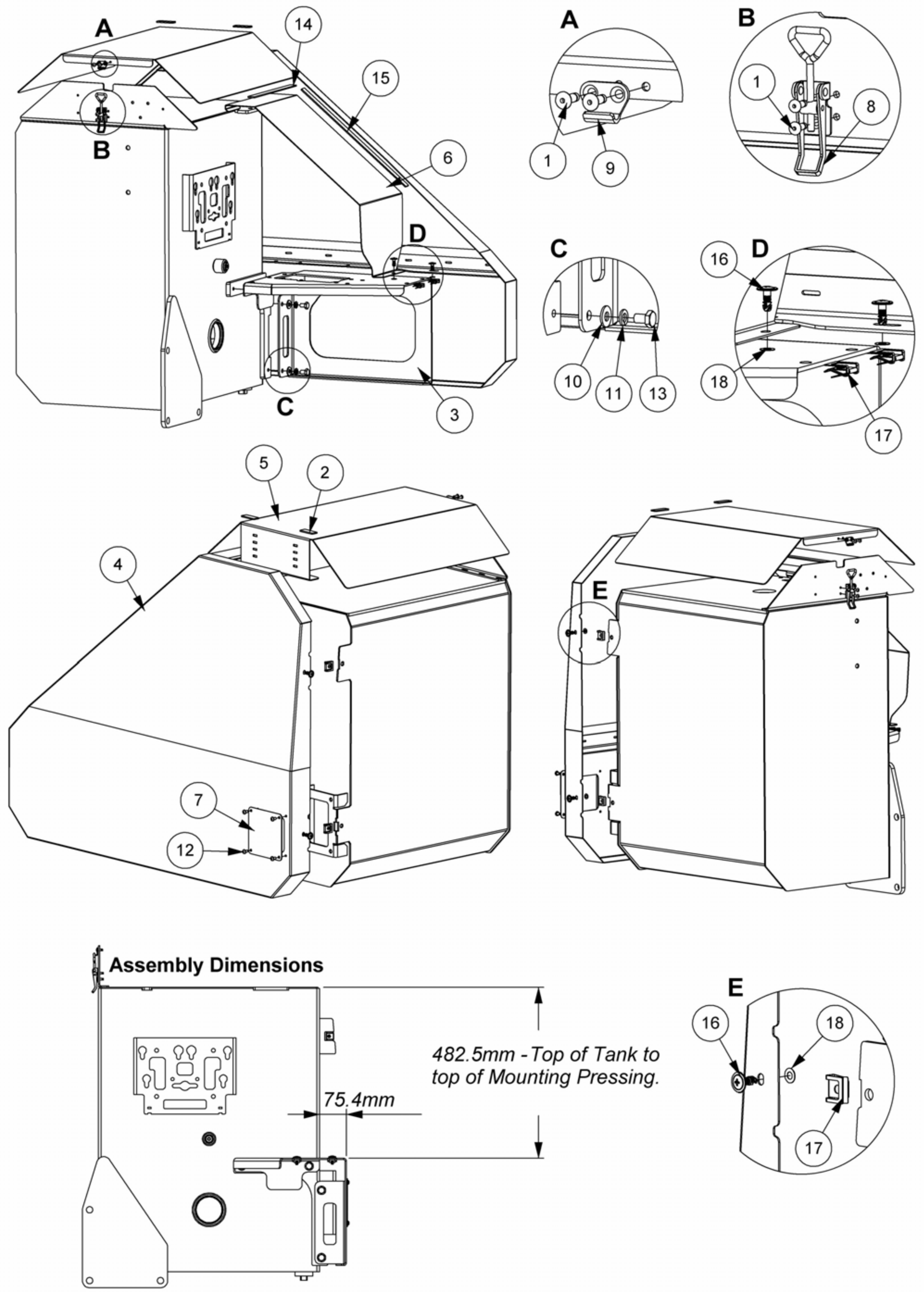


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	10.004.10	3/8" BSP FS/F90 500MM	1
2	10.005.07	1/2" BSP FS/FS 350MM	1
3	10.001.31	1/4" BSP FS/FS 2100MM	1
4	10.002.32	1/4" BSP FS/F90 2200MM	1
5	10.017.38	1/4" BSP FS/F135 2800MM	1
6	10.002.43	1/4" BSP FS/F90 3300MM	1
7	10.002.57	1/4" BSP FS/F90 4700MM	2
8	10.012.08	1" BSP FS/F90 400MM	1
9	10.025.10	1" BSP FS/F135 500MM	1
10	10.011.33	1" BSP FS/FS 2300MM	2
11	10.012.45	1" BSP FS/F90 3500MM	2

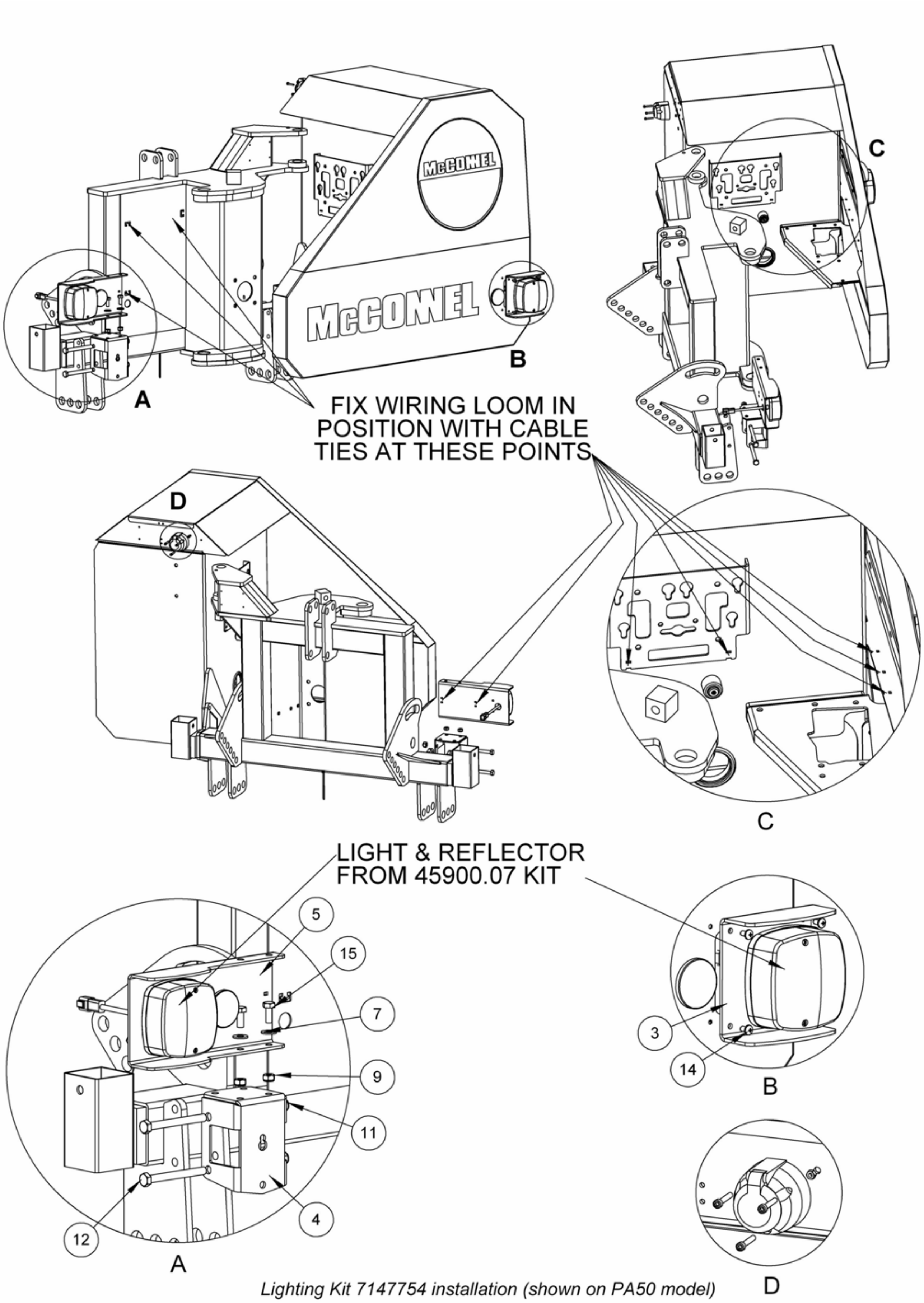




ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	10.004.10	3/8" BSP FS/F90 500MM	1
2	10.005.07	1/2" BSP FS/FS 350MM	1
3	10.001.31	1/4" BSP FS/FS 2100MM	1
4	10.002.32	1/4" BSP FS/F90 2200MM	1
5	10.017.38	1/4" BSP FS/F135 2800MM	1
6	10.002.43	1/4" BSP FS/F90 3300MM	1
7	10.002.57	1/4" BSP FS/F90 4700MM	2
8	10.012.08	1" BSP FS/F90 400MM	1
9	10.025.10	1" BSP FS/F135 500MM	1
10	10.011.33	1" BSP FS/FS 2300MM	2
11	10.012.45	1" BSP FS/F90 3500MM	2

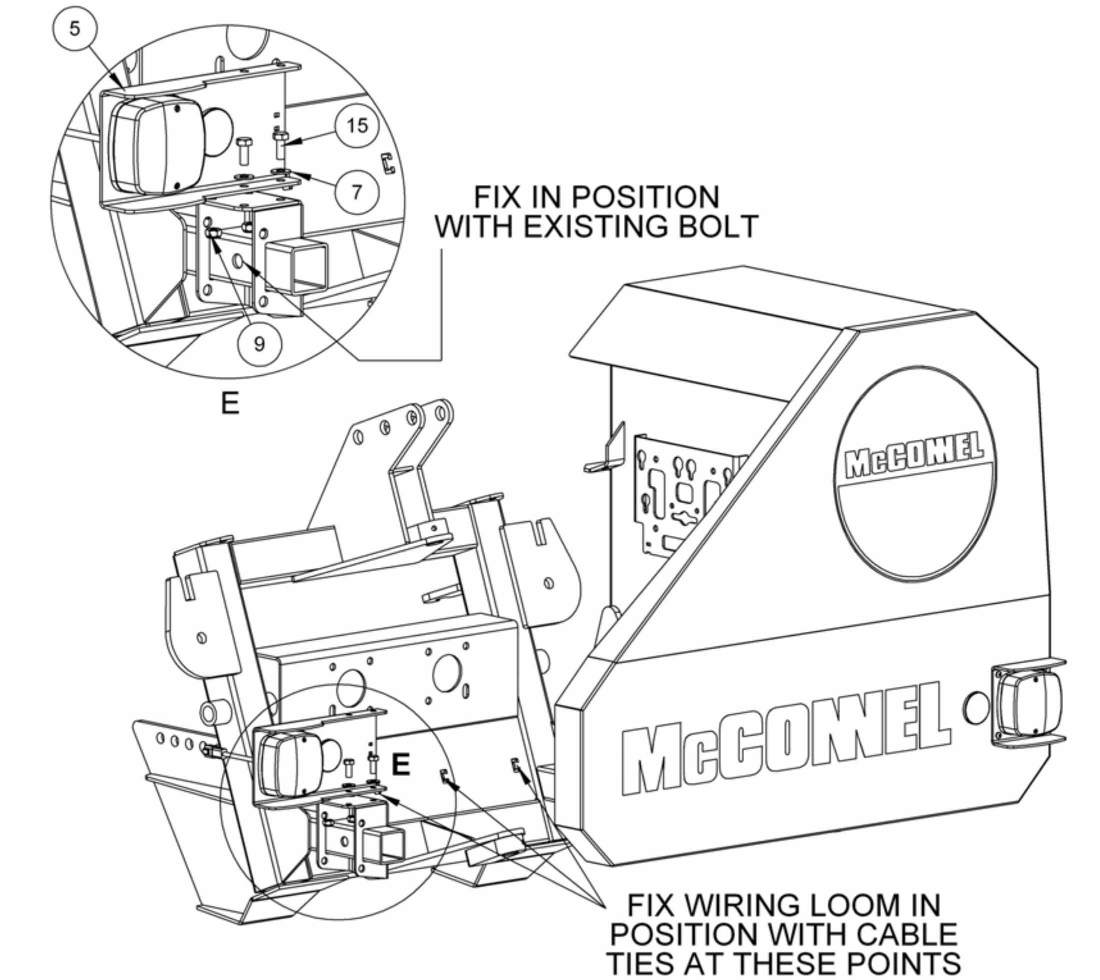

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Assembly Dimensions
482.5mm - Top of Tank to top of Mounting Pressing.
75.4mm

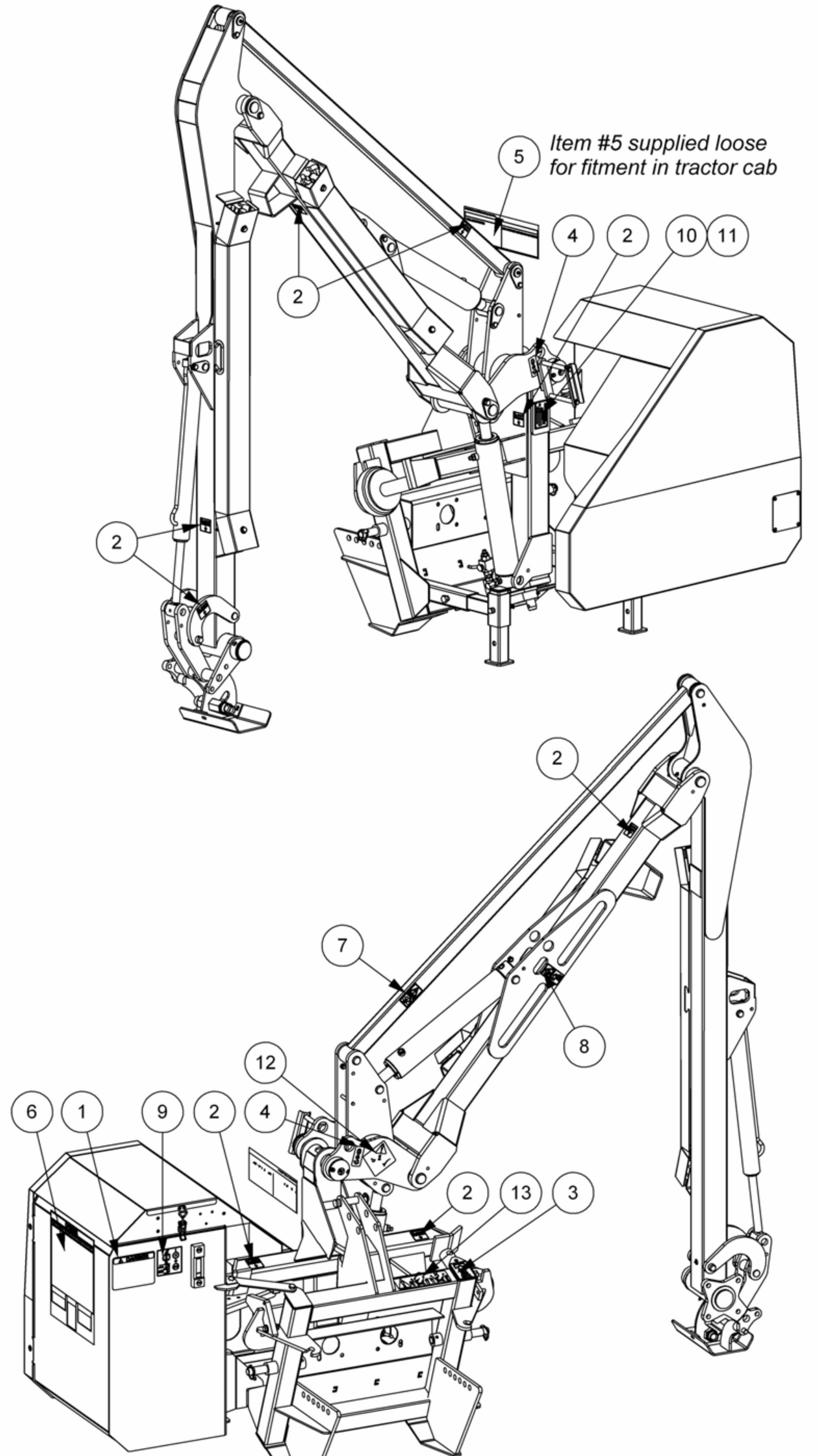
REF.	QTY.	PART No.	DESCRIPTION
		7147714	**REAR COVERS ASSEMBLY - L/H Build**
		7147715	**REAR COVERS ASSEMBLY - R/H Build**
1	4	21612.01	POP RIVET
2	2	21726.31	SPONGE PAD
3	1	22472.01	COVER & VALVE MOUNTING - L/H Build
	1	22472.02	COVER & VALVE MOUNTING - R/H Build
4	1	22476.03	REAR COVER - L/H Build
	1	22476.04	REAR COVER - R/H Build
5	1	22477.03	TANK TOP COVER
6	1	22513.01	VALVE COVER - L/H Build
	1	22513.02	VALVE COVER - R/H Build
7	1	22531.01	BLANKING PLATE
8	1	43449.02	OVERCENTRE FASTENER
9	1	46007.01	HOOK (OVERCENTRE FASTENER)
10	4	9100105	FLAT WASHER
11	4	9100205	SPRING WASHER
12	4	9300164	TAPTITE
13	4	9313035	SETSCREW
14	1	21726.34	SELF ADHESIVE FOAM STRIP - 275mm
15	1	21726.35	SELF ADHESIVE FOAM STRIP 410mm
16	4	22549.01	SLOTTED HEAD STUD
17	4	22549.02	SLIP-ON RECEPTACLE
18	4	22549.03	PLASTIC RETAINER (BLACK)



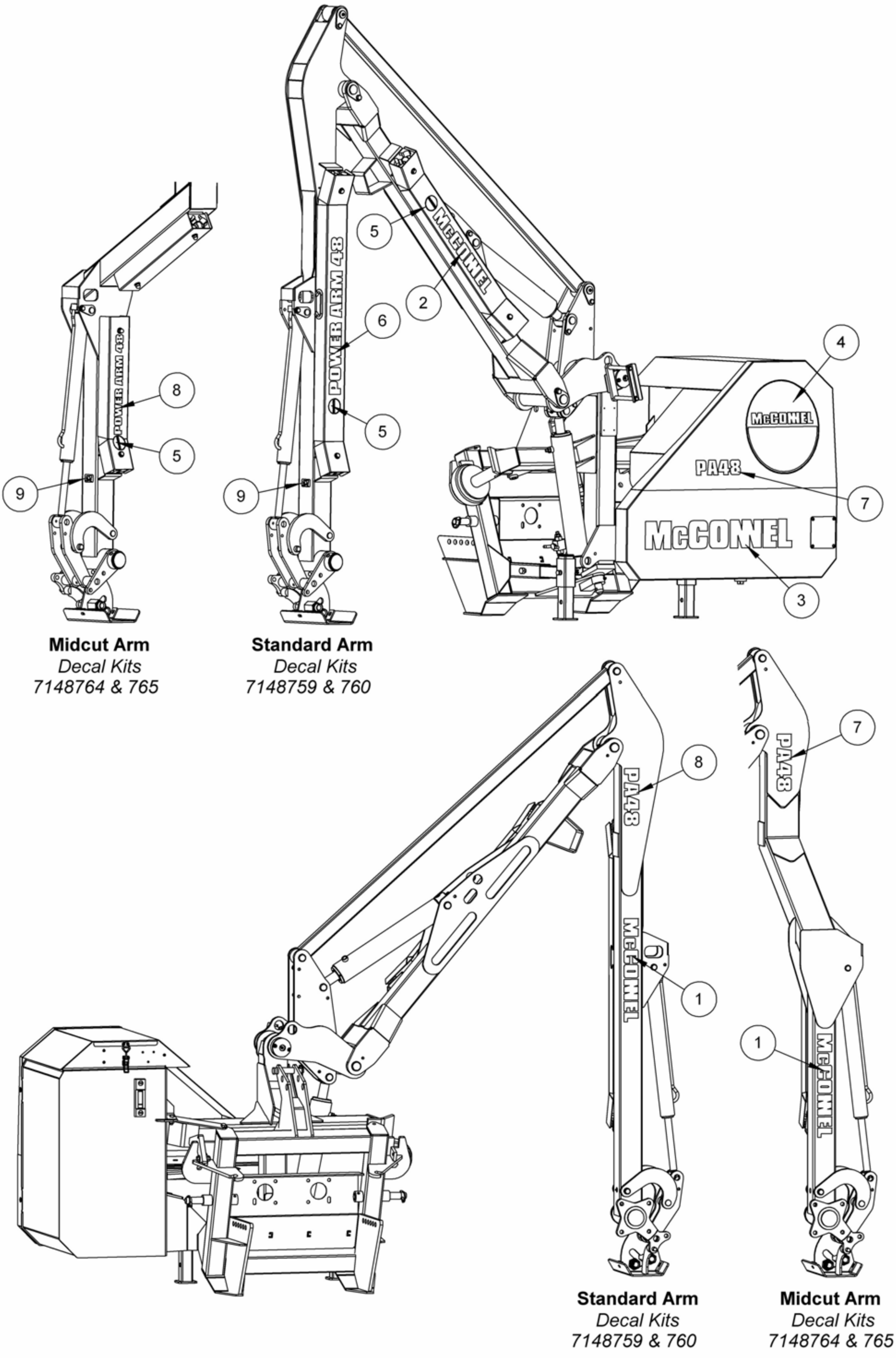
Lighting Kit 7147754 installation (shown on PA50 model)

REF.	QTY.	PART No.	DESCRIPTION
		7147754	**REAR LIGHTING KIT**
1	1	21678.07	7 PIN PLASTIC SOCKET (12v)
2	12	22342.01	CABLE TIE - 120mm
3	1	22484.02	LIGHT GUARD & MOUNTING
4	1	22487.01	LIGHT MOUNTING BRACKET
5	1	22488.01	N/S LIGHT GUARD & MOUNTING
6	1	45900.07	LIGHTING KIT - *comprising of:*
	1	45656.08	LIGHTING LOOM
	2	45671.01	REFLECTOR (SELF-ADHESIVE)
	6	21150.01	PUSH ON CABLE TIE
	2	45642.02	COMBINATION LAMP
	1	45642.34	REAR LIGHT LENS *(Replacement)*
7	4	9100105	FLAT WASHER
8	3	05.287.09	NYLOC NUT
9	4	9163005	NYLOC NUT
10	2	9313065	SETSCREW
11	2	9163006	NYLOC NUT
12	2	9213246	BOLT
13	3	9243062	CAPSCREW
14	4	9300164	TAPTITE
15	2	9313055	SETSCREW




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Item #5 supplied loose for fitment in tractor cab
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REF.	QTY.	PART NO.	DESCRIPTION
		7148789	**DECAL KIT - WARNINGS**
1	1	00756494	DECAL - DRIVELINE HAZARD
2	8	02962764	DECAL - PINCH POINTS
3	1	09.811.03	DECAL - 500 MAX (CW)
4	2	1290074	DECAL - SLING HERE
5	1	1290352	DECAL - IN CAB INSTRUCTIONS
6	1	1290391	DECAL - SAFETY WARNINGS
7	1	1290745	DECAL - CAB CLEARANCE WARNING
8	1	1290746	DECAL - AUTO BREAKAWAY RETURN
9	1	1290774	DECAL - OIL FILTER CHANGE
10	1	1335246	SERIAL No. PLATE
11	4	7103230	POP RIVET
12	1	7105130	DECAL - READ INSTRUCTION BOOK
13	1	7135295	DECAL - TIGHTEN CHECK CHAINS



Midcut Arm
Decal Kits
7148764 & 765

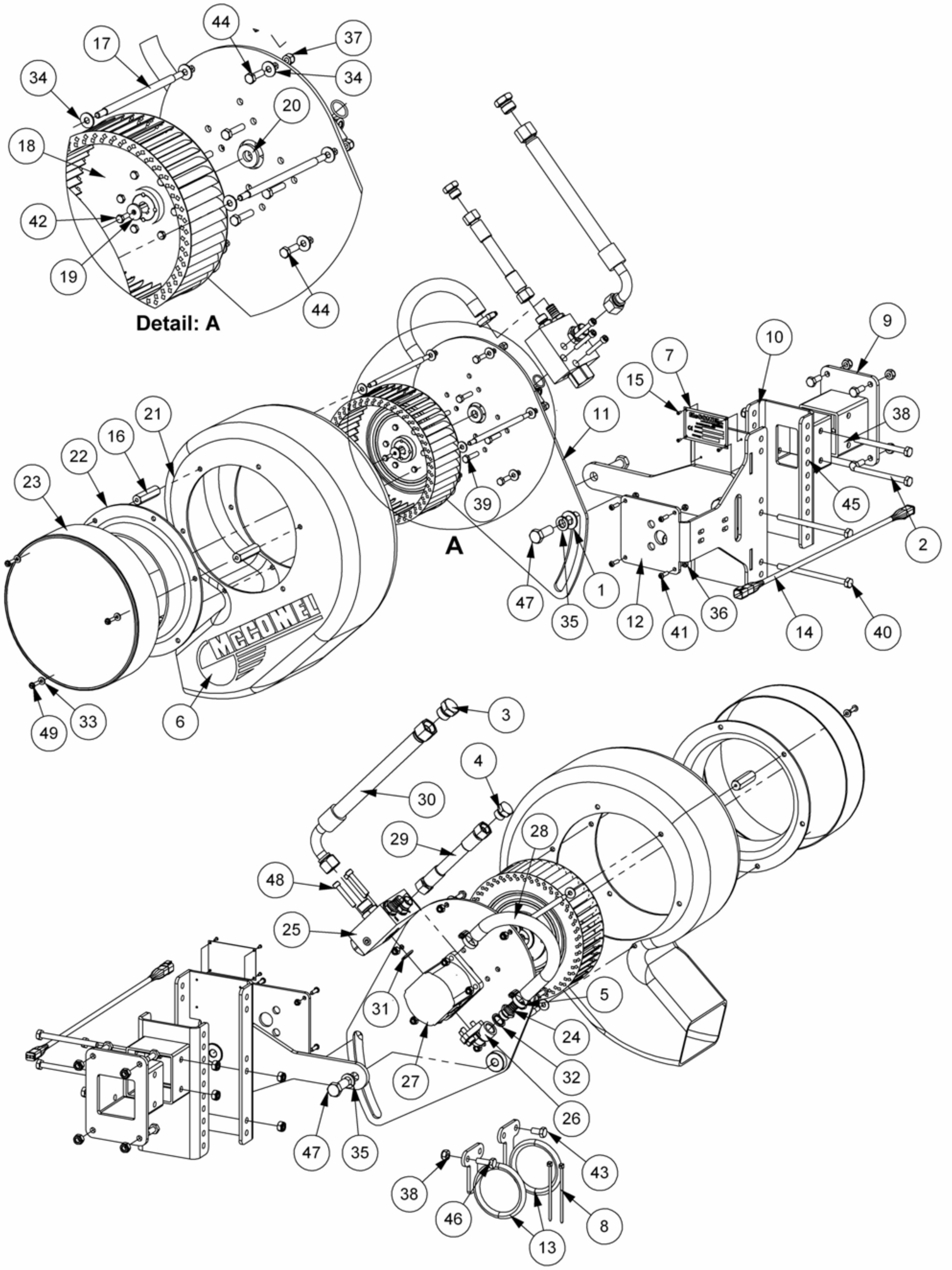
Standard Arm
Decal Kits
7148759 & 760

Standard Arm
Decal Kits
7148759 & 760

Midcut Arm
Decal Kits
7148764 & 765

REF.	QTY.	PART NO.		DESCRIPTION
		7148759	*	**DECAL KIT - PA48 Mk2 Cable Standard Arm**
		7148760	**	**DECAL KIT - PA48 Mk2 Electric Standard Arm**
1	1	1290255		DECAL - MCCONNEL (BLACK)
2	1	1290614		DECAL - McCONNEL (WHITE)
3	1	1290649		DECAL - MCCONNEL (WHITE)
4	1	1290697		DECAL - McCONNEL ROUNDEL
5	2	1290742		DECAL - MCCONNEL ROUNDEL
6	1	1290761		DECAL - POWER ARM 48 (WHITE)
7	1	1290762	*	DECAL - PA48 (WHITE)
	1	1290763	**	DECAL - PA48E (WHITE)
8	1	1290764	*	DECAL - PA48 (BLACK)
	1	1290765	**	DECAL - PA48E (BLACK)
9	1	21917.02		HEAD DECAL - ORANGE (102 l/min.)

REF.	QTY.	PART NO.		DESCRIPTION
		7148764	*	**DECAL KIT - PA48 Mk2 Cable Midcut Arm**
		7148765	**	**DECAL KIT - PA48 Mk2 Electric Midcut Arm**
1	1	1290255		DECAL - MCCONNEL (BLACK)
2	1	1290614		DECAL - McCONNEL (WHITE)
3	1	1290649		DECAL - MCCONNEL (WHITE)
4	1	1290697		DECAL - McCONNEL ROUNDEL
5	2	1290742		DECAL - MCCONNEL ROUNDEL
6	1	1290762	*	DECAL - POWER ARM 48 (WHITE)
	1	1290763	**	DECAL - POWER ARM 48E (WHITE)
7	1	1290764	*	DECAL - PA48 (WHITE)
	1	1290765	**	DECAL - PA48E (WHITE)
8	1	1290790		DECAL - POWER ARM 48 (WHITE)
9	1	21917.02		HEAD DECAL - ORANGE (102 l/min.)



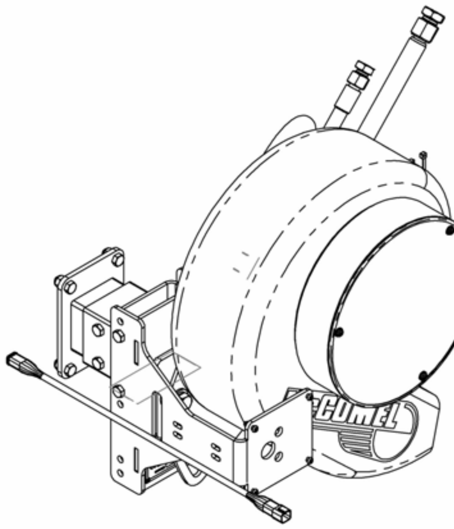
SUITABLE FOR BSP BUILDS OF THE FOLLOWING MACHINES;
PA47Mk3, PA47Mk4, PA48Mk2, PA50Mk3, PA50 ECO Mk2 & PA55 ECO Mk2

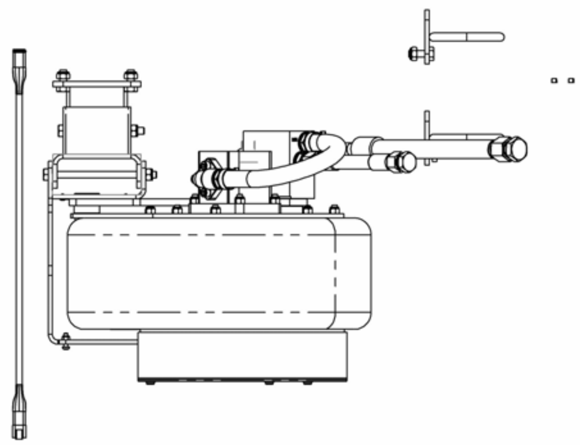
DEBRIS BLOWER KIT (HIGH FLOW BSP)

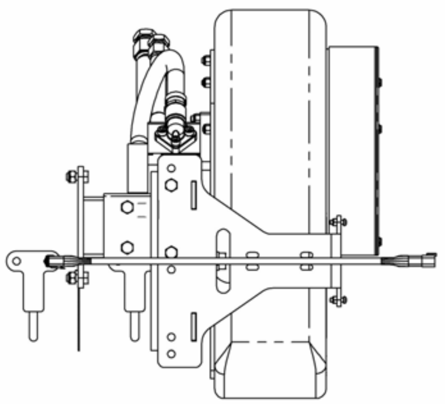
Module(s): 7150800 – L/H Build, 7150801 – R/H Build

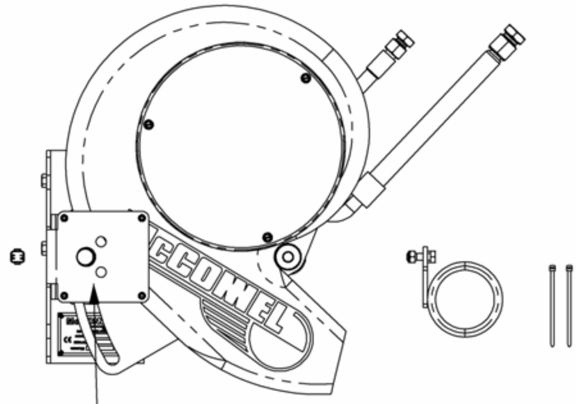
McCONNEL

REF.	QTY.	PART NO.	DESCRIPTION
		7150800	**DEBRIS BLOWER KIT (HIGH FLOW) - L/H Build**
		7150801	**DEBRIS BLOWER KIT (HIGH FLOW) - R/H Build**
1	1	0100106	FLAT WASHER
2	2	05.292.15	BOLT
3	1	05.313.01	BLANKING PLUG
4	1	05.433.06	PLUG - BSP WITH CONE
5	2	0904204	HOSE CLIP
6	1	1290317	McCONNEL DECAL - L/H Build Debris Blower
	1	1290318	McCONNEL DECAL - R/H Build Debris Blower
7	1	1335246	SERIAL No. PLATE
8	2	22342.01	CABLE TIE
9	1	22669.01	MOUNTING BRACKET
10	1	22670.01	HEIGHT ADJUSTMENT BRACKET
11	1	22671.01	BACK PLATE
12	1	22672.01	MAIN MOUNTING BRACKET
13	2	22673.01	HOSE GUIDE BRACKET
14	1	45657.01	LOOM EXTENTION - 500mm
15	4	7103230	POP RIVET
16	3	7319004	GUARD SPACER
17	3	7319005	CASING SPACER
18	1	7319007	BLOWER WHEEL - L/H Build Debris Blower
	1	7319008	BLOWER WHEEL - R/H Build Debris Blower
19	1	7319013	SPECIAL WASHER
20	1	7319014	SPACER
21	1	7319270	FAN CASING
22	1	7319271	SHROUD
23	1	7319272	MESH GUARD
24	1	8002059	RETURN CONNECTION
25	1	8132256	FLOW CONTROL ASSEMBLY (HIGH FLOW)
26	1	8301027	ELBOW c/w O RING, WASHERS & CAPSCREWS
27	1	8301285	HYDRAULIC MOTOR
28	1	8501396	HOSE - 5/8" BORE HOSE x 330mm
29	1	8513024	HOSE - 1/2" BSP FS/FS x 120"
30	1	8537015	HOSE - 3/4" BSP FS/F90 SWEPT x 110"
31	1	8600402	O RING
32	1	8650104	BONDED SEAL
33	3	9100103	FLAT WASHER
34	9	9100104	FLAT WASHER
35	2	9100207	SPRING WASHER
36	4	9163003	NYLOC NUT
37	10	9163004	NYLOC NUT
38	9	9163005	NYLOC NUT
39	4	9213074	BOLT
40	2	9213325	BOLT
41	4	9300143	BUTTON HEAD CAPSCREW
42	1	9313033	SETSCREW
43	1	9313045	SETSCREW
44	3	9313054	SETSCREW
45	4	9313055	SETSCREW
46	1	9313065	SETSCREW
47	2	9313087	SETSCREW
48	3	9343104	CAPSCREW
49	3	9383043	SLOTTED SETSCREW

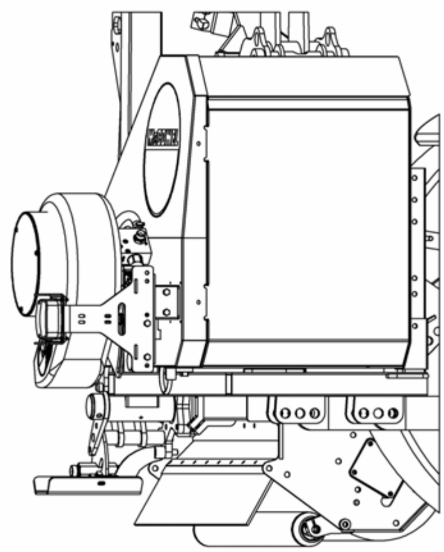


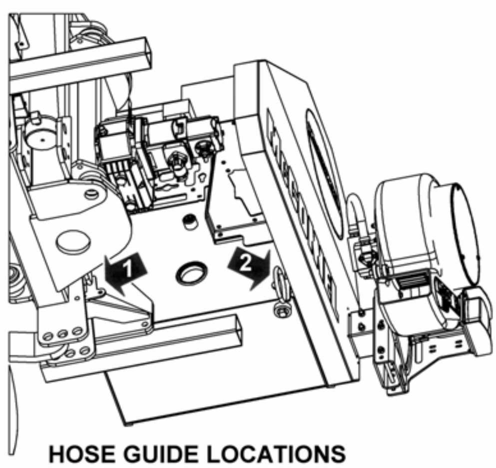






FIT LIGHT & GUARD FROM COVER IN POSITION HERE(IF APPLICABLE).
FIT EXTENSION ONTO EXISTING LOOM





HOSE GUIDE LOCATIONS

FITTING INSTRUCTIONS
1. REMOVE REAR COVER
2. FIT TANK MTG BRKT 22669.01
3. FIT LOOM EXTENSION
4. REFIT COVER IN POSITION
5. FIT DEBRIS BLOWER ASSY
6. ATTACH LIGHT IF APPLICABLE
7. RUN HOSES THROUGH HOSE GUIDES
8. ADJUST TO REQUIRED HEIGHT AND ANGLE
9. ENSURE CABLES AND HOSES ARE NOT UNDER TENSION

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